

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

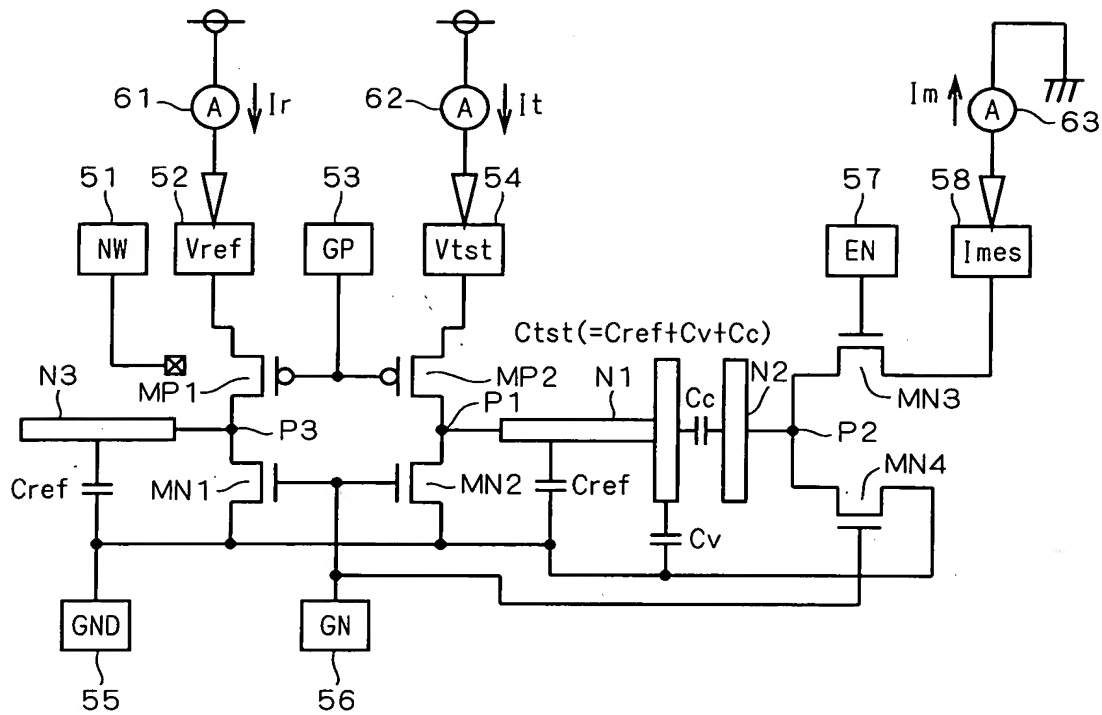
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

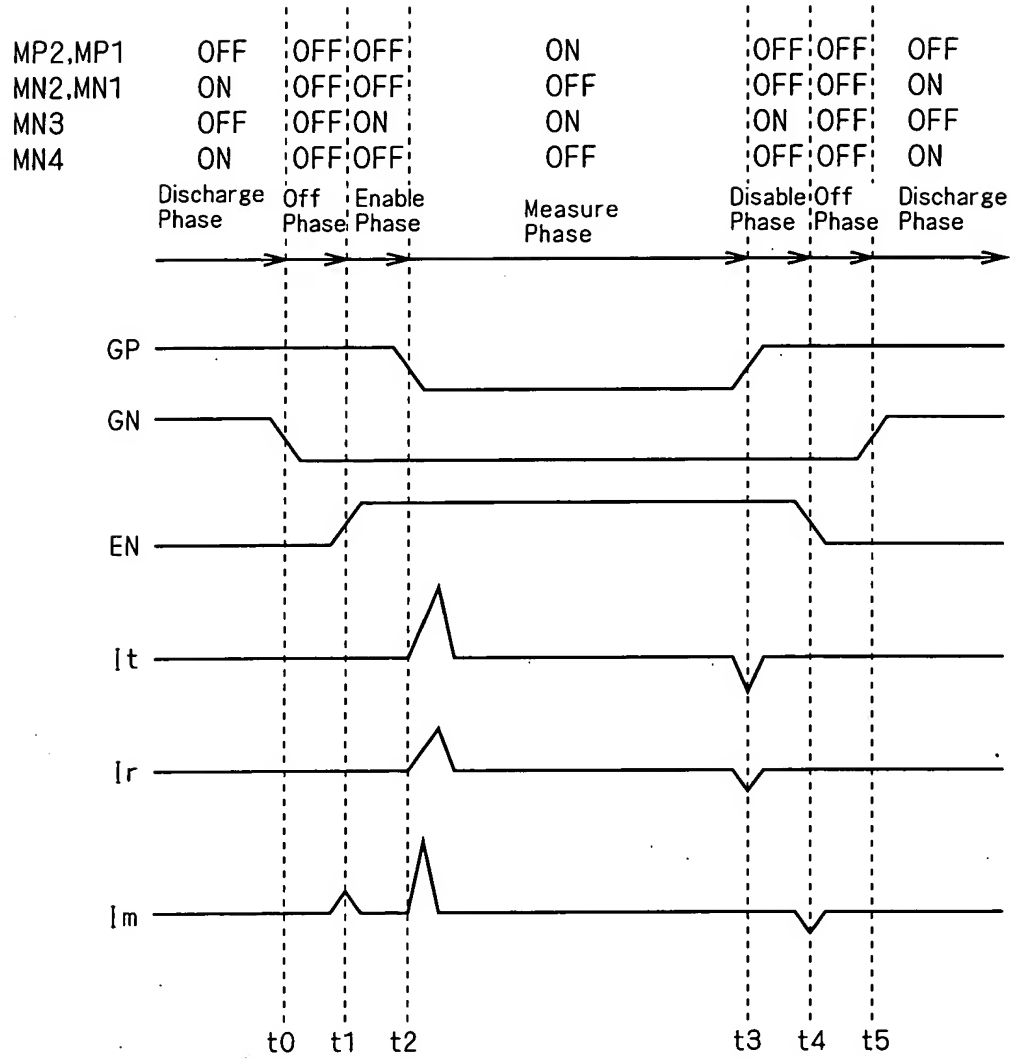
**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

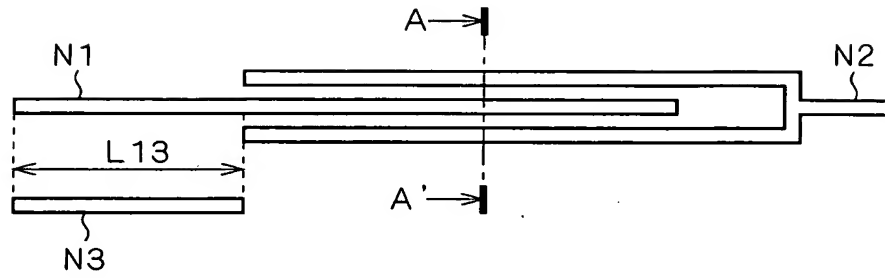
F I G . 1



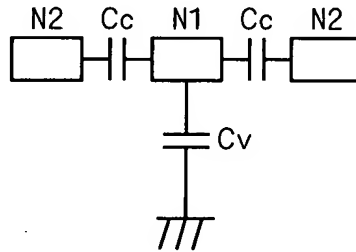
# FIG. 2



F I G . 3

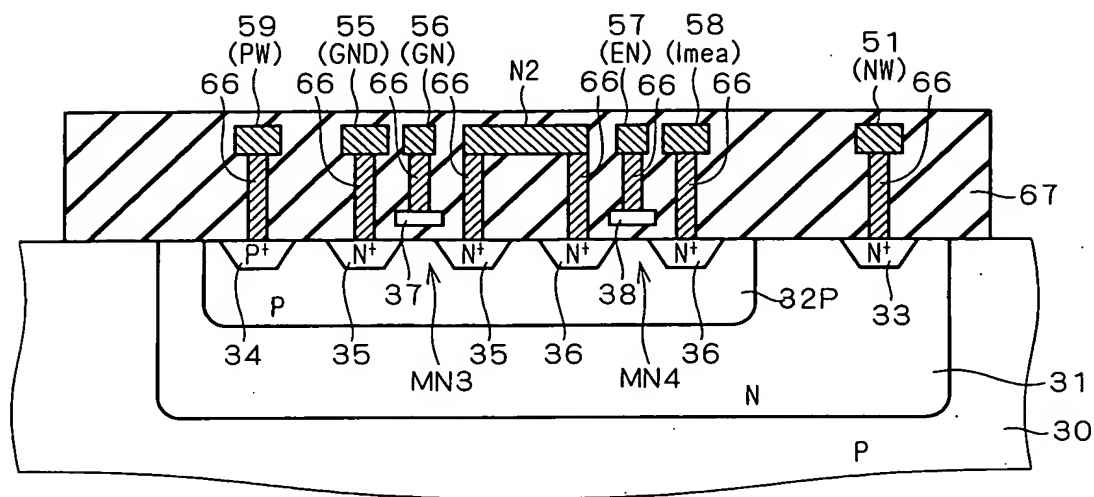


F I G . 4

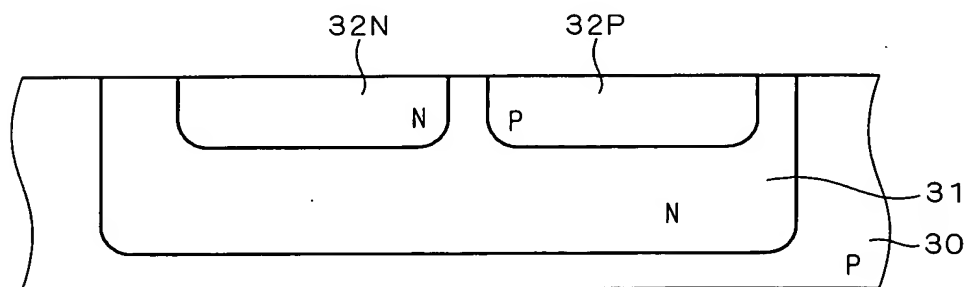




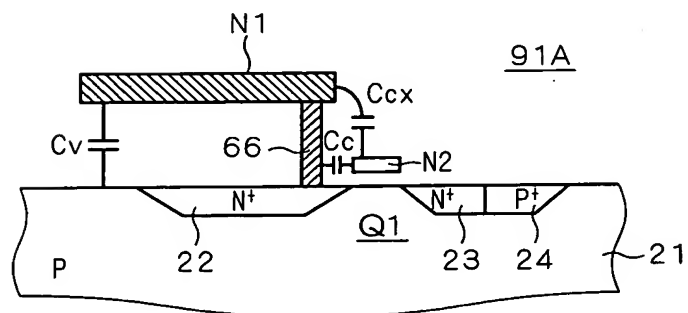
F I G . 6



F I G . 7

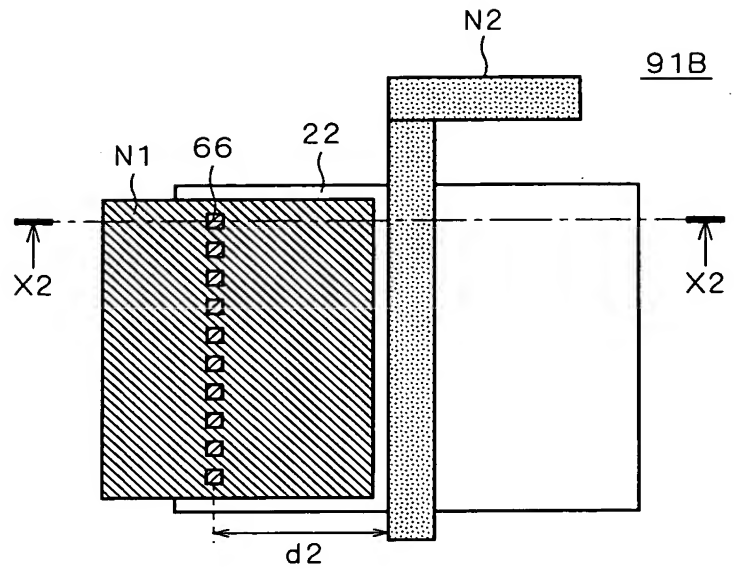




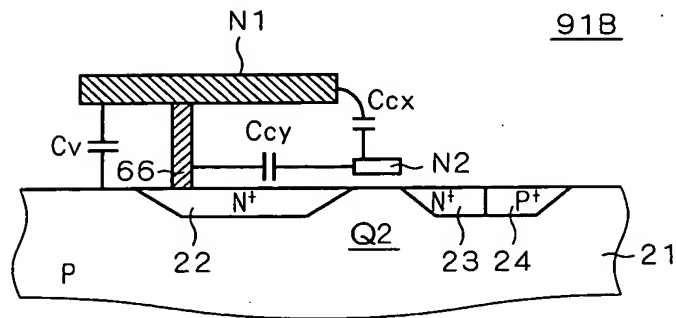




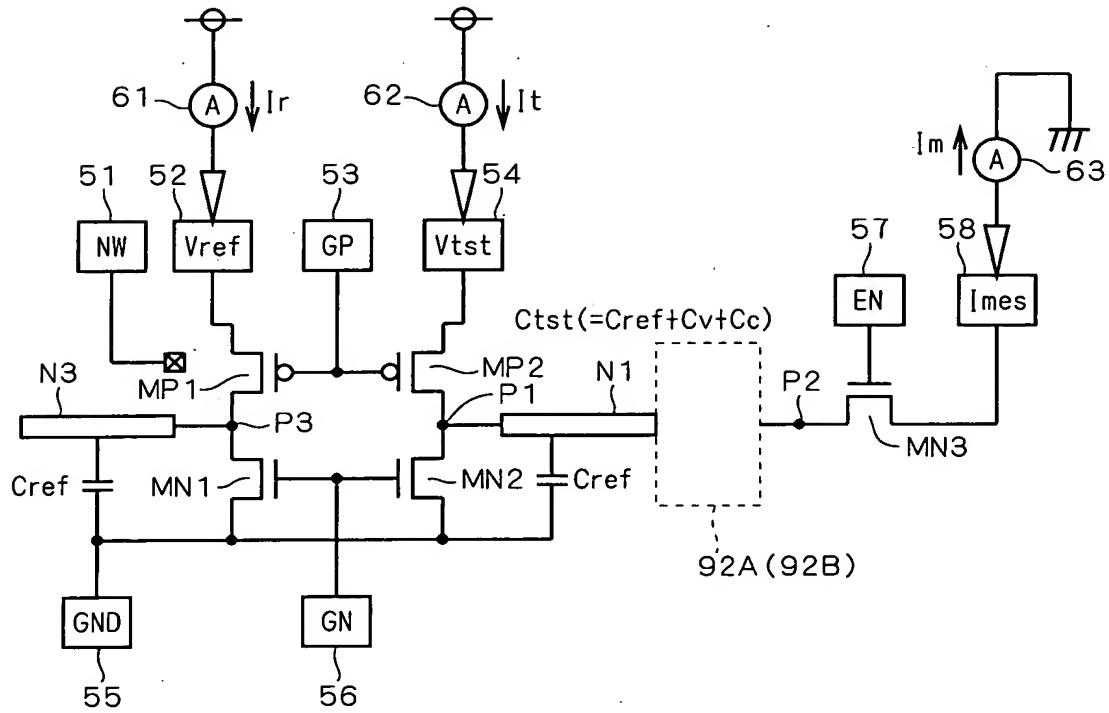
F I G . 1 2



F I G . 1 3

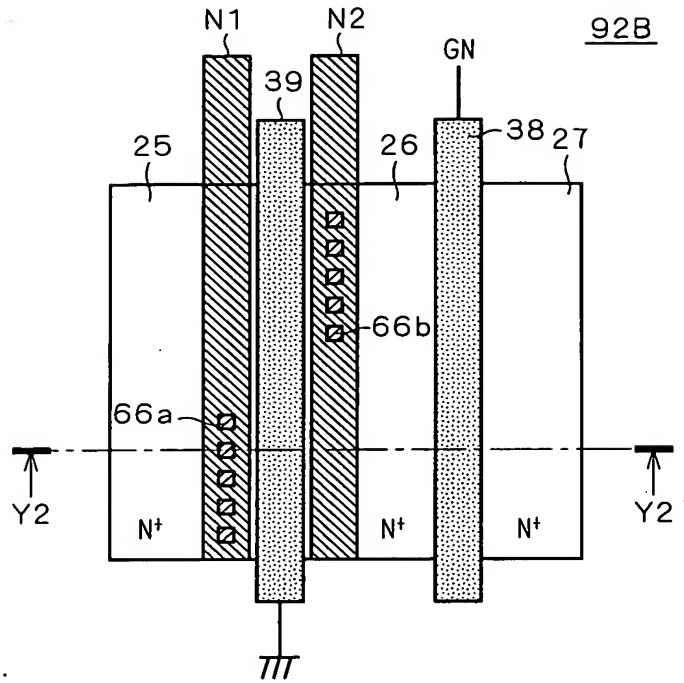


F I G . 1 4

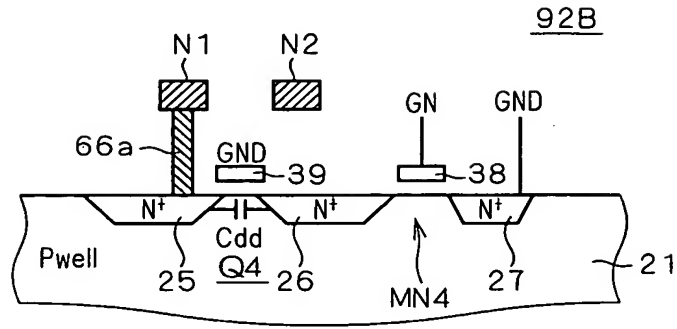




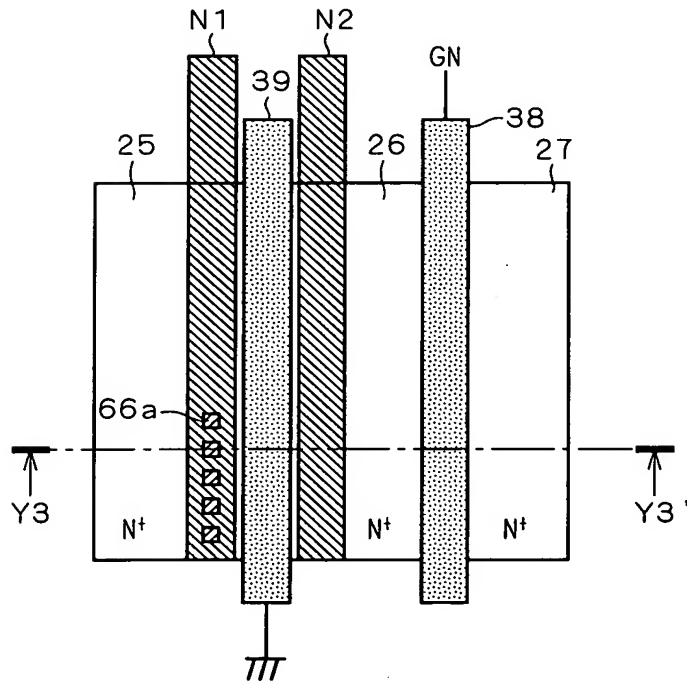
F I G . 1 7



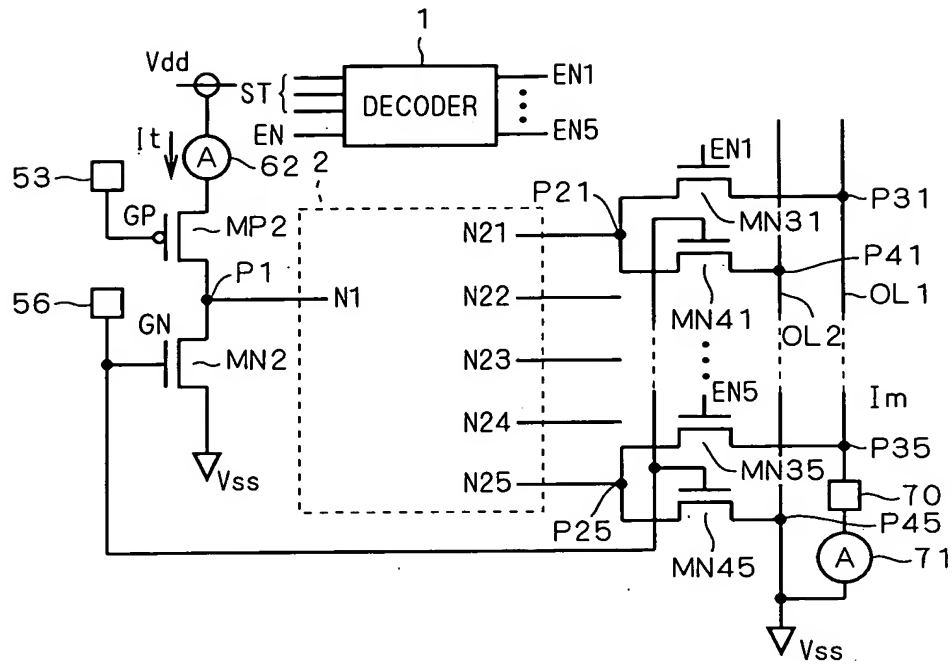
F I G . 1 8



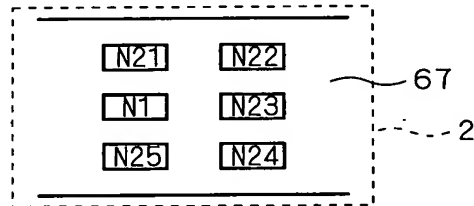
F I G . 1 9



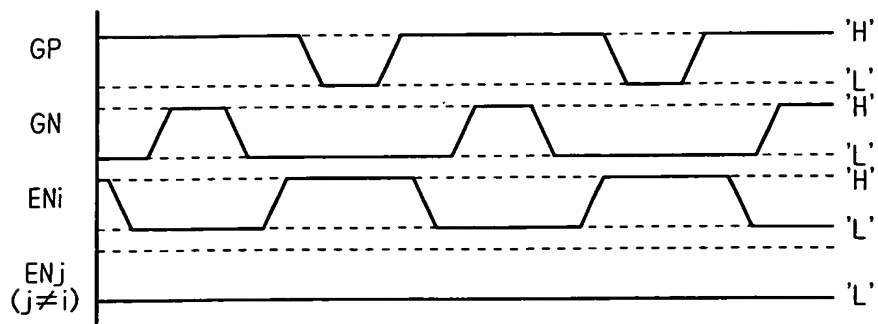
F I G . 2 0



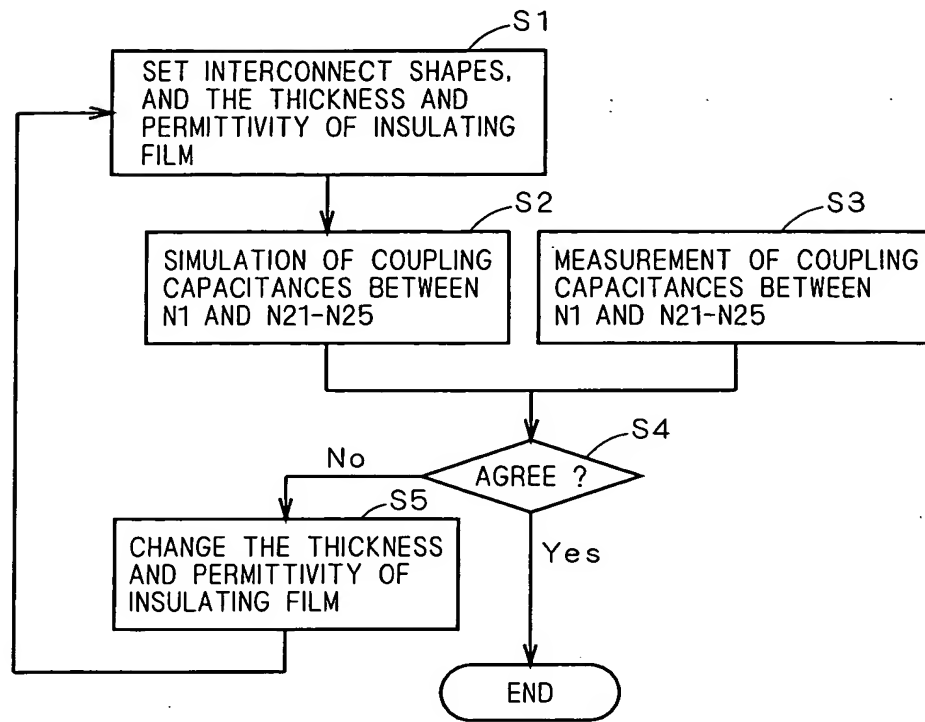
F I G . 2 1



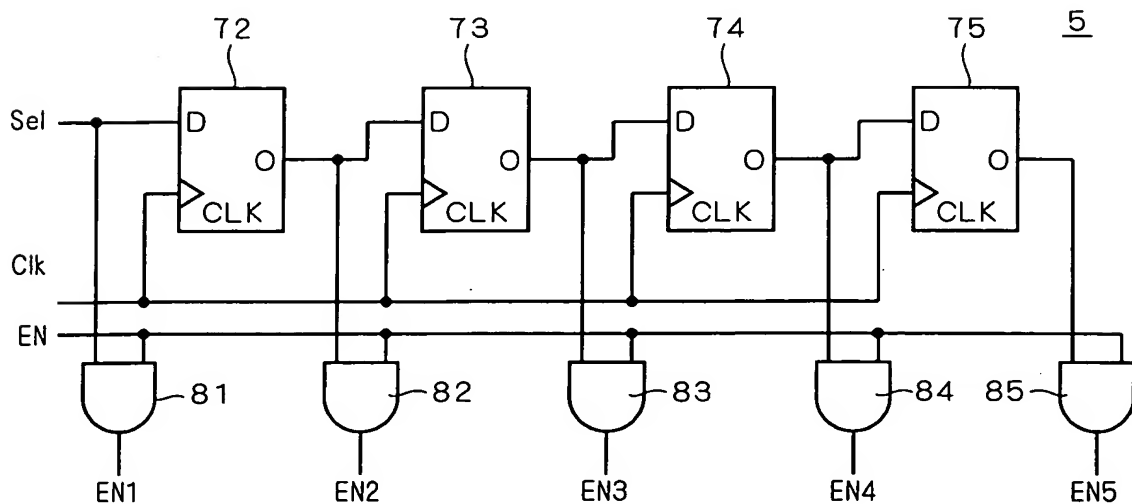
F I G . 2 2



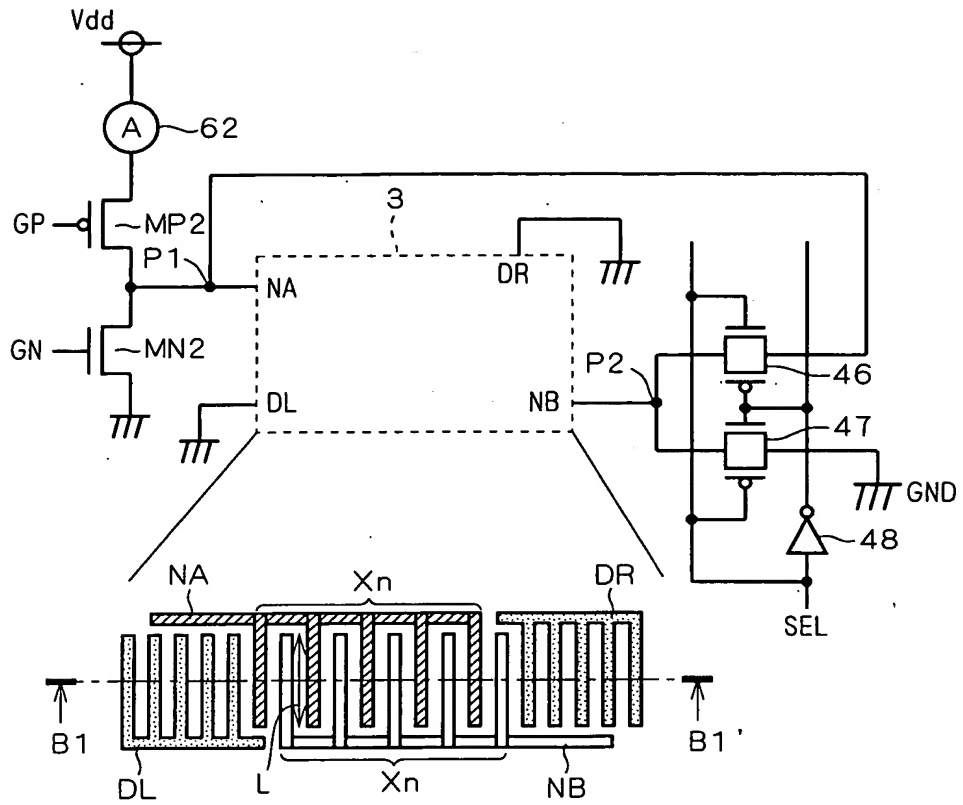
F I G . 2 3



F I G . 2 4

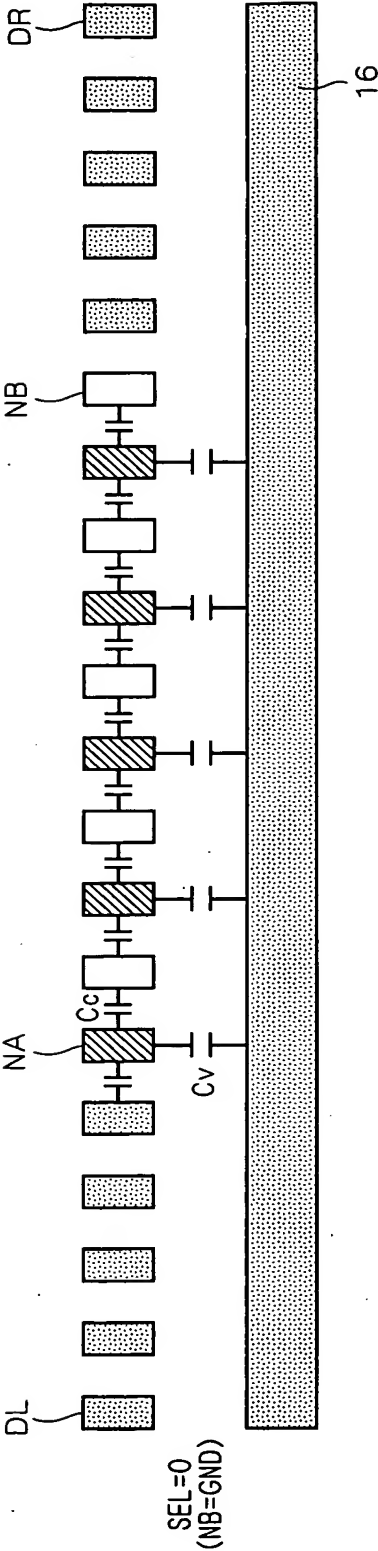


F I G . 2 5

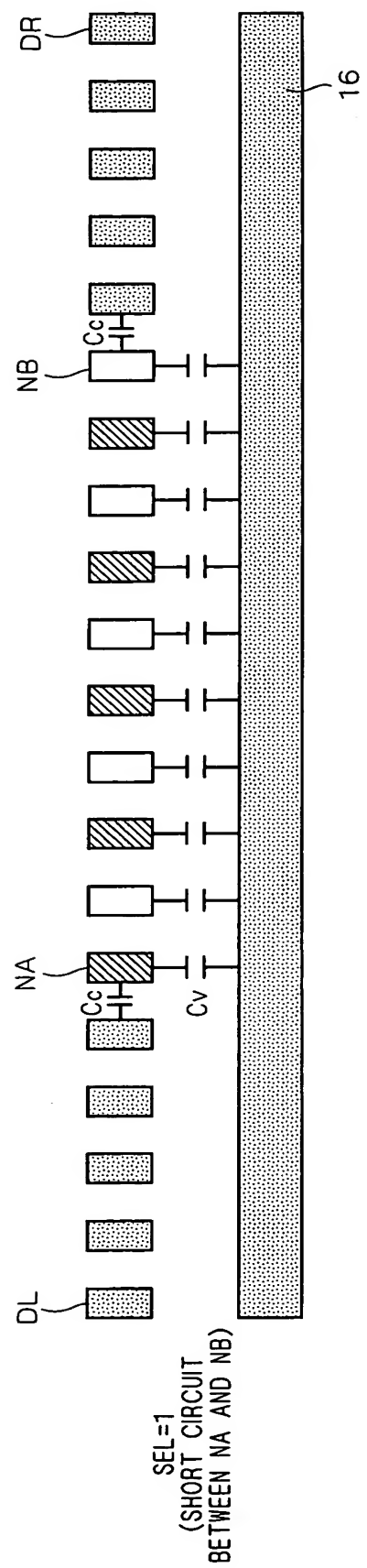




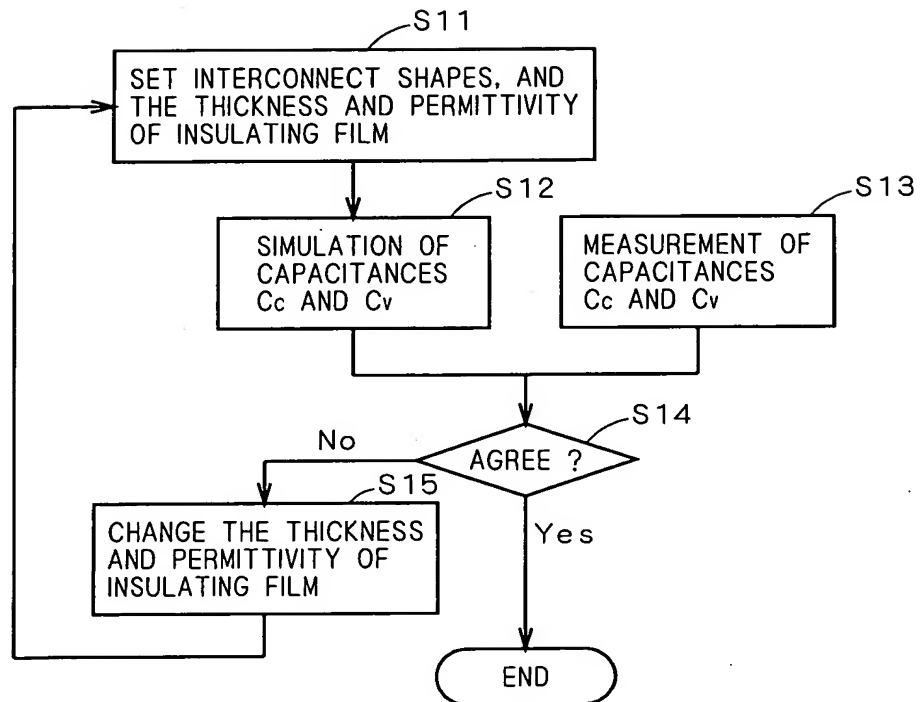
F I G . 2 6



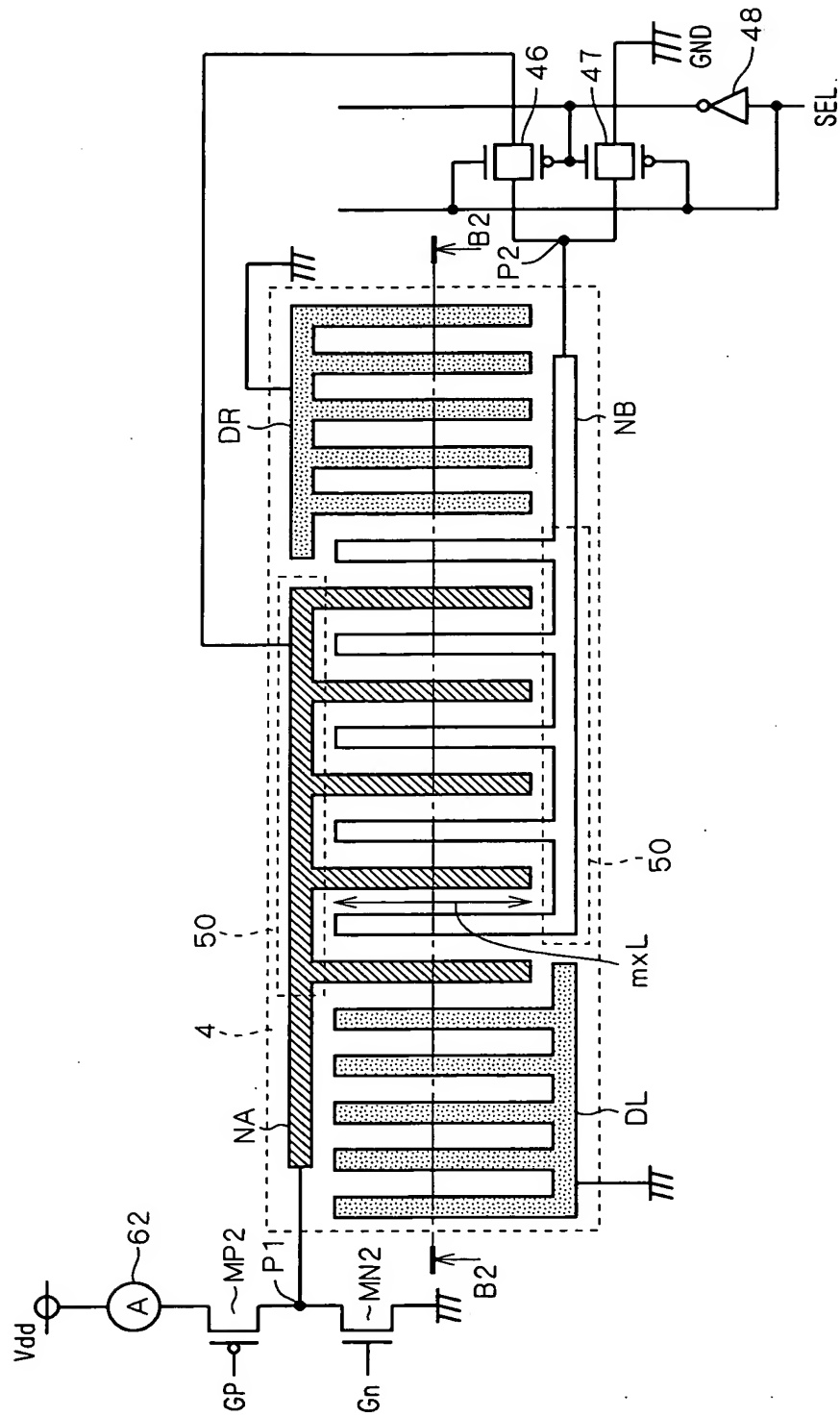
F I G . 2 7



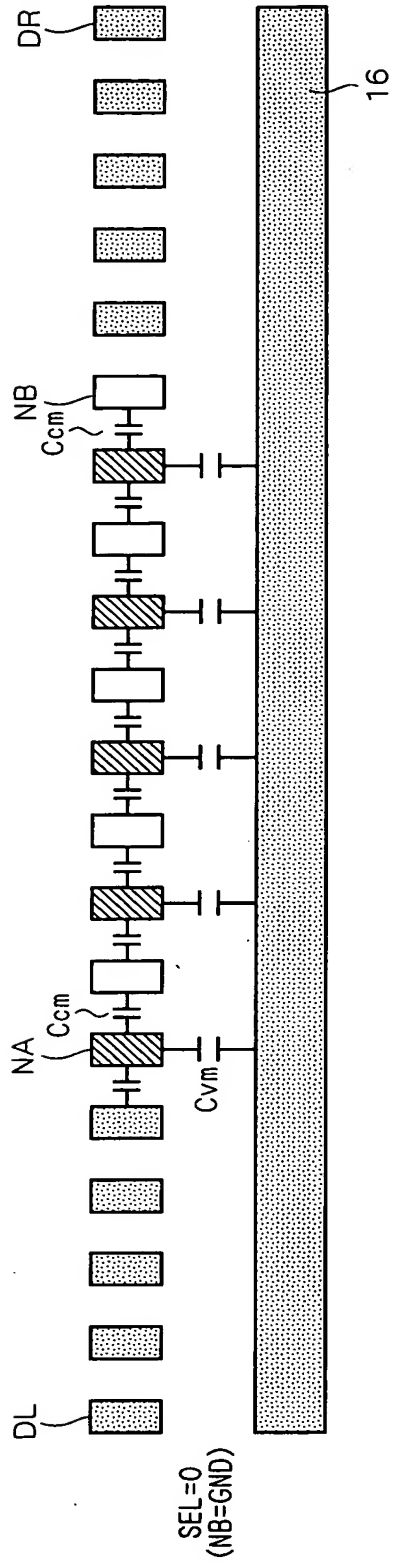
F I G . 2 8



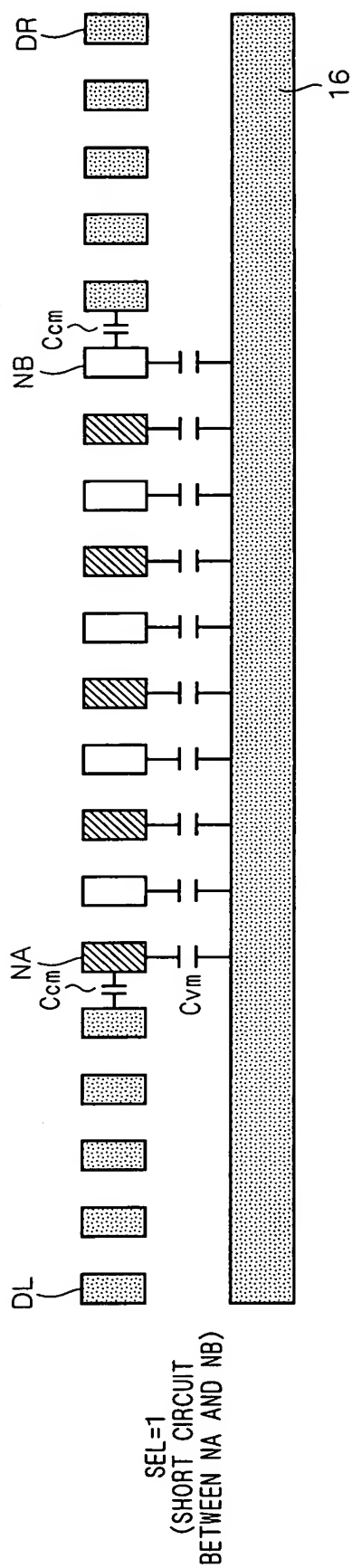
F I G . 2 9



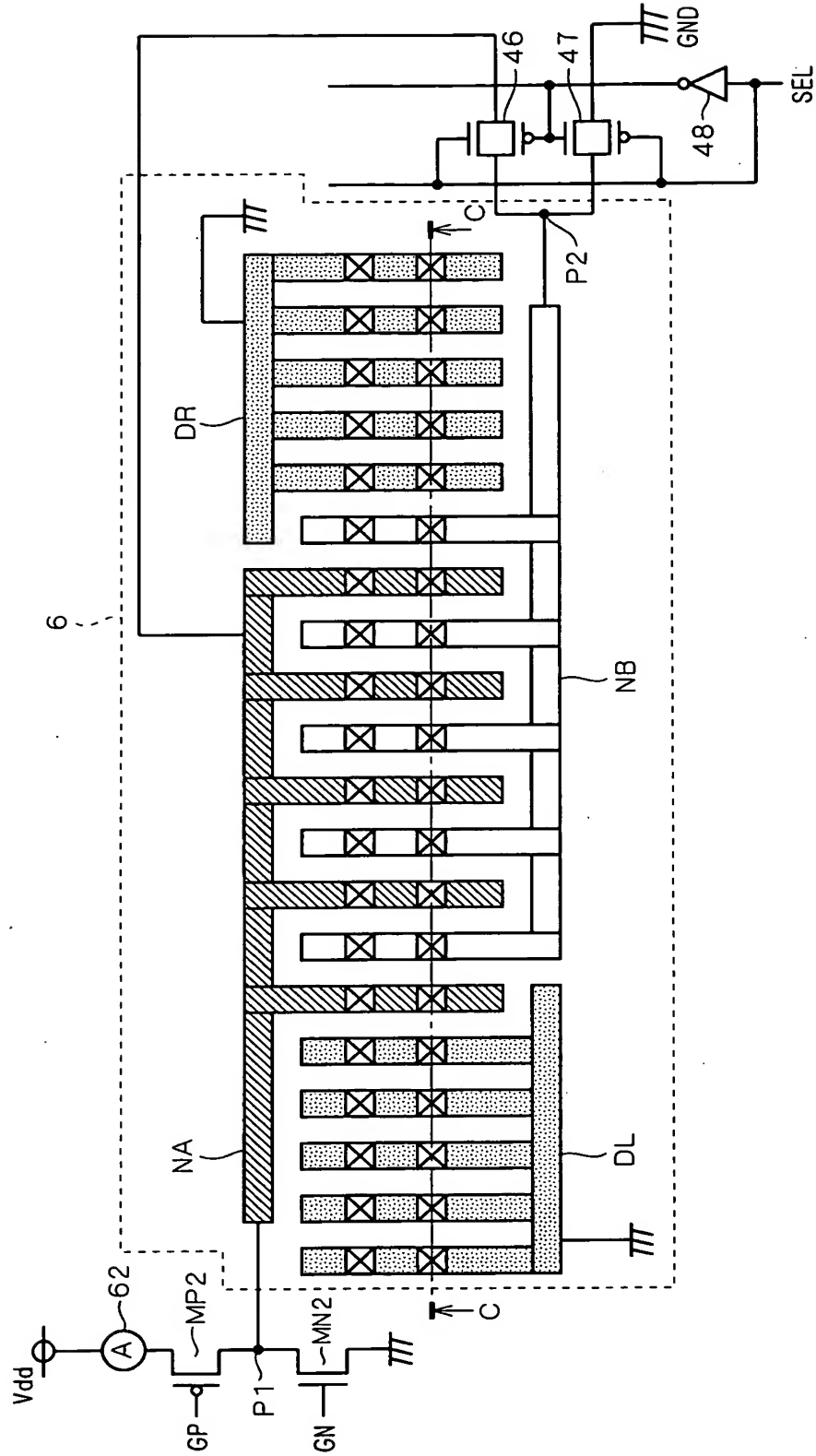
F I G . 3 0

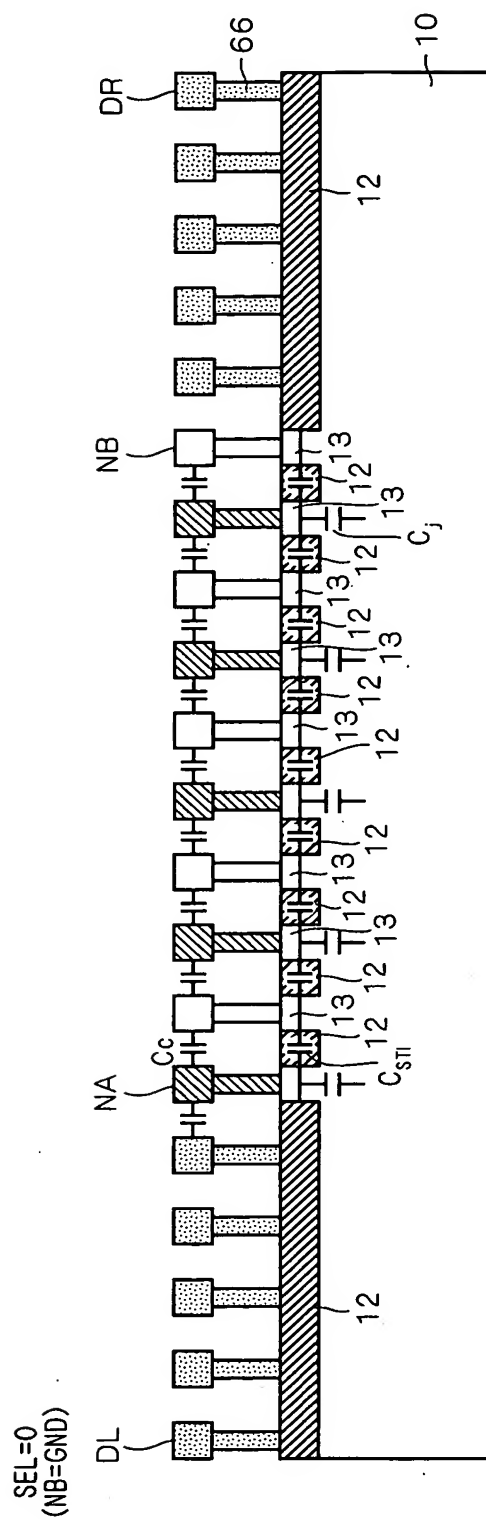


F I G . 3 1



F I G . 3 2

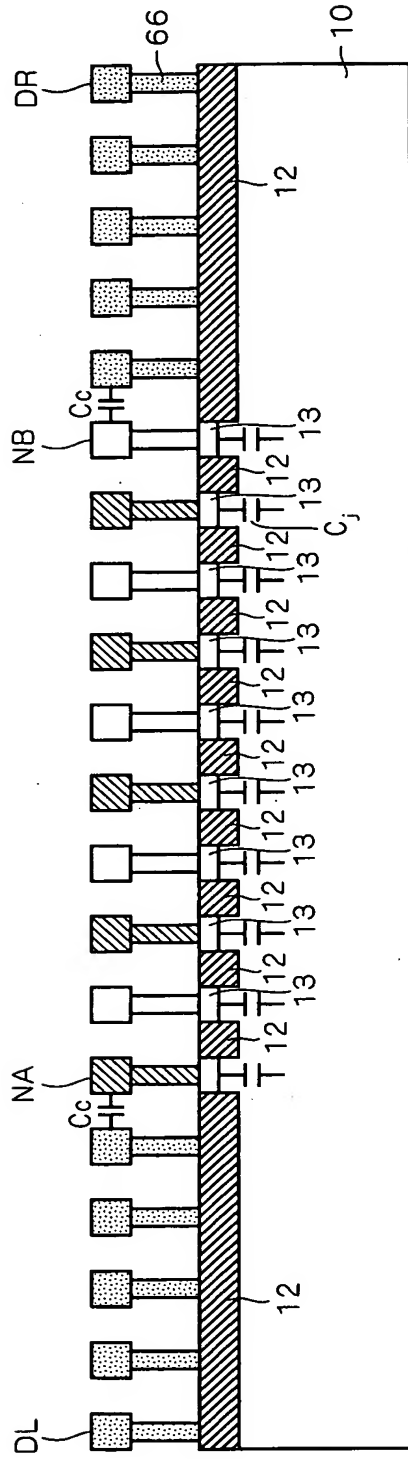


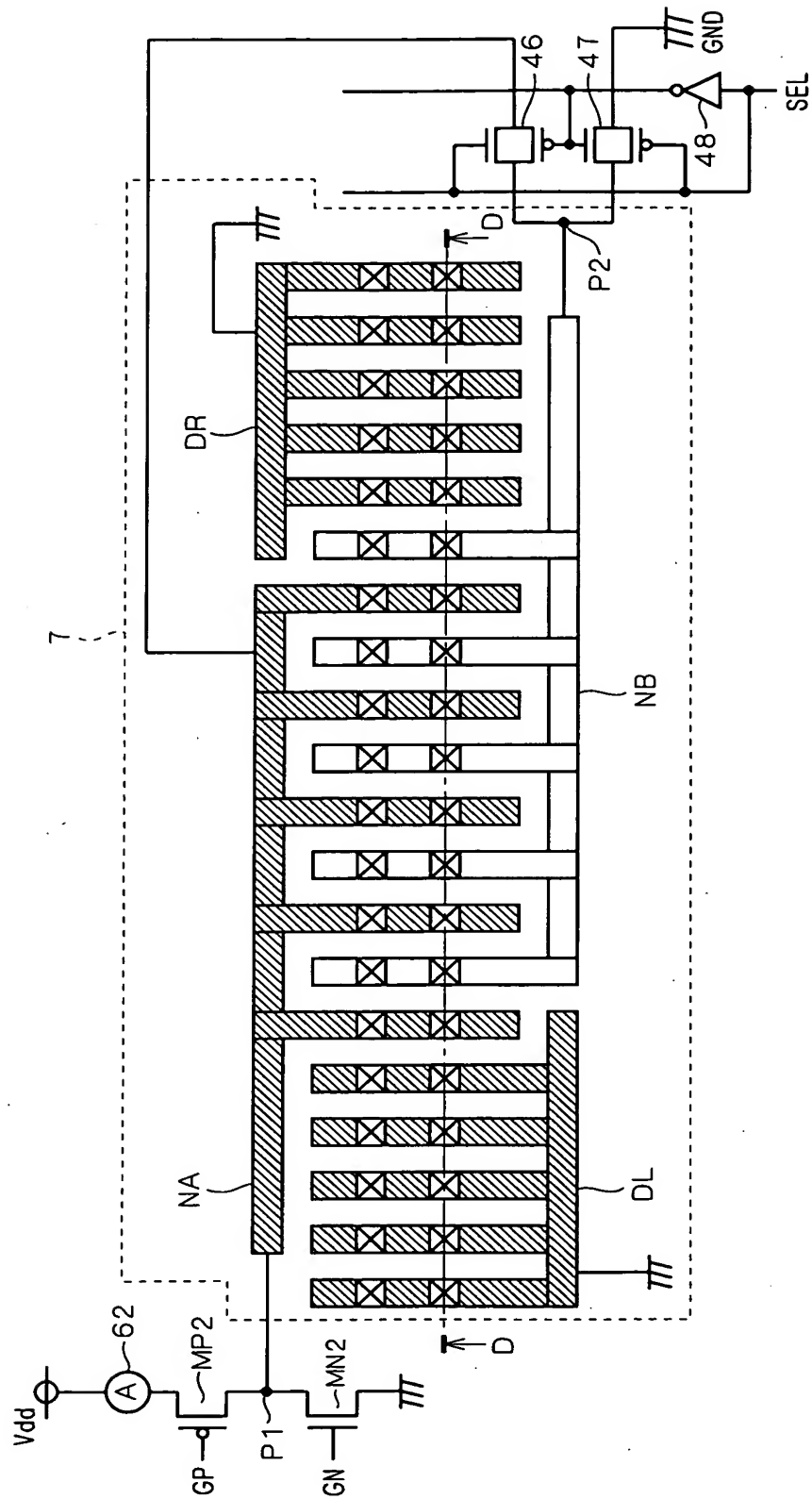




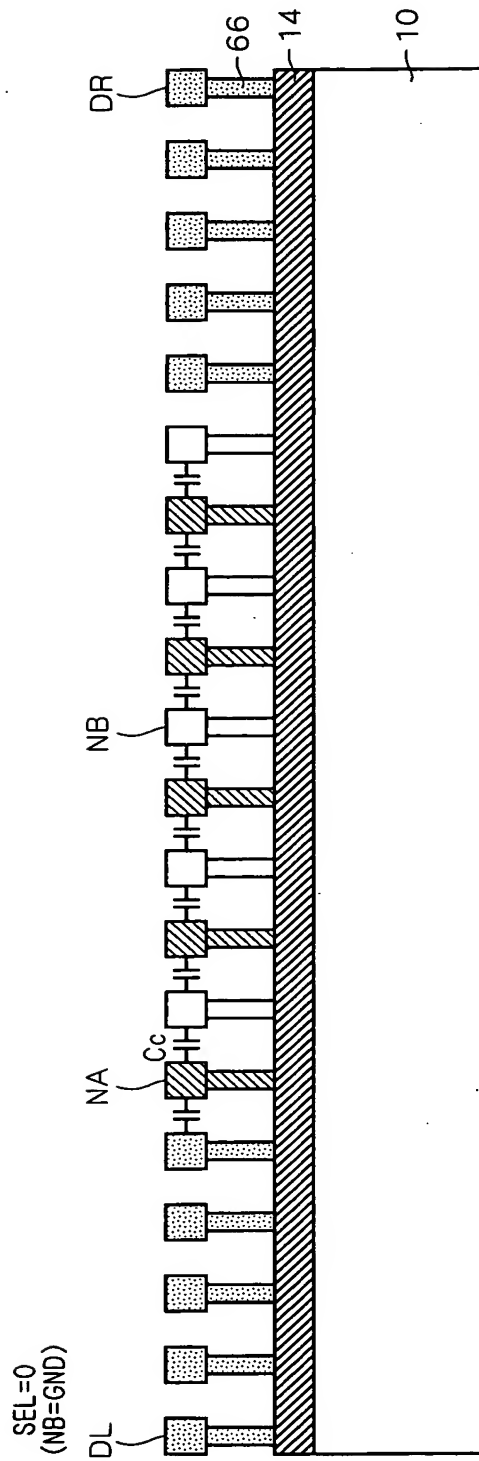
F I G . 3 4

SEL=1  
(NB=NB)



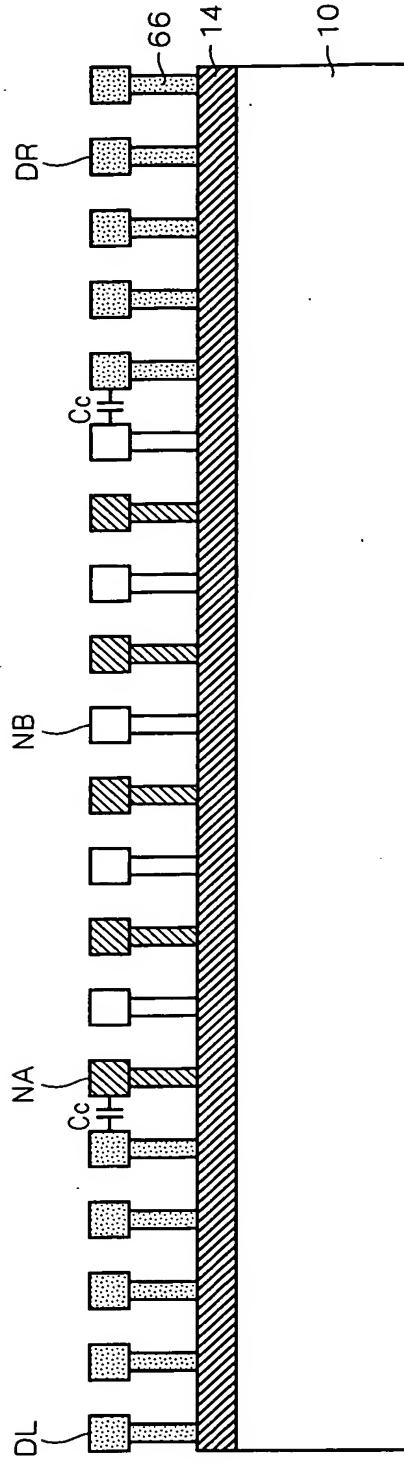


F I G . 3 6



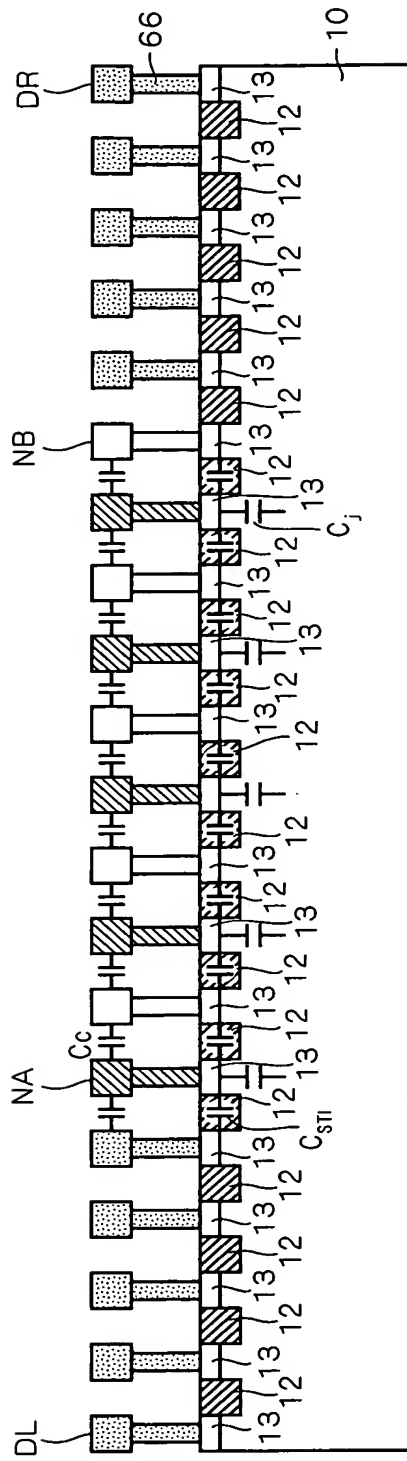
F I G . 3 7

SEL=1  
(NA=NB)



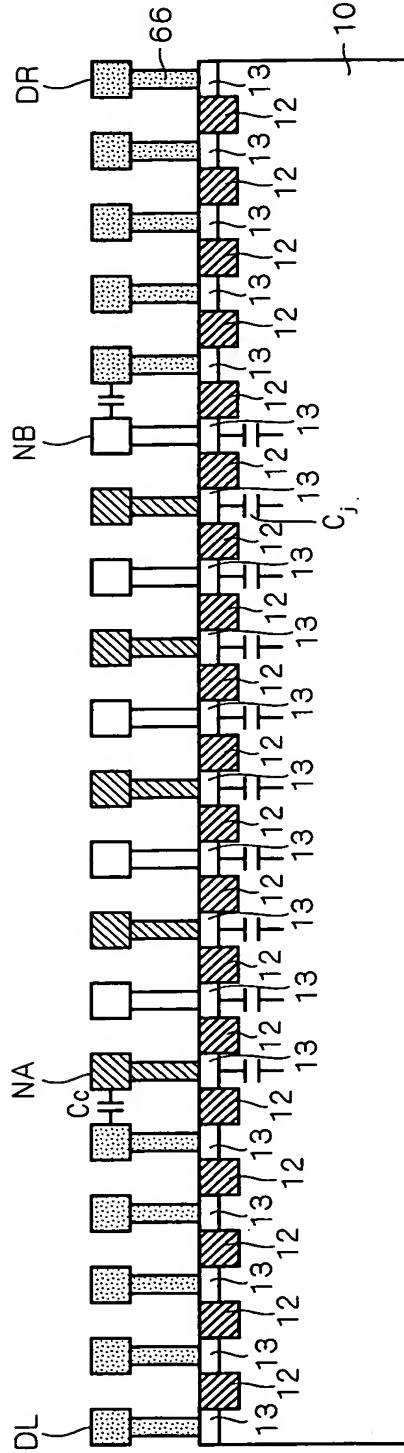
F I G . 3 8

SEL=0  
(NB=GND)



F I G . 3 9

SEL=1  
(NB=NB)



F I G . 4 0

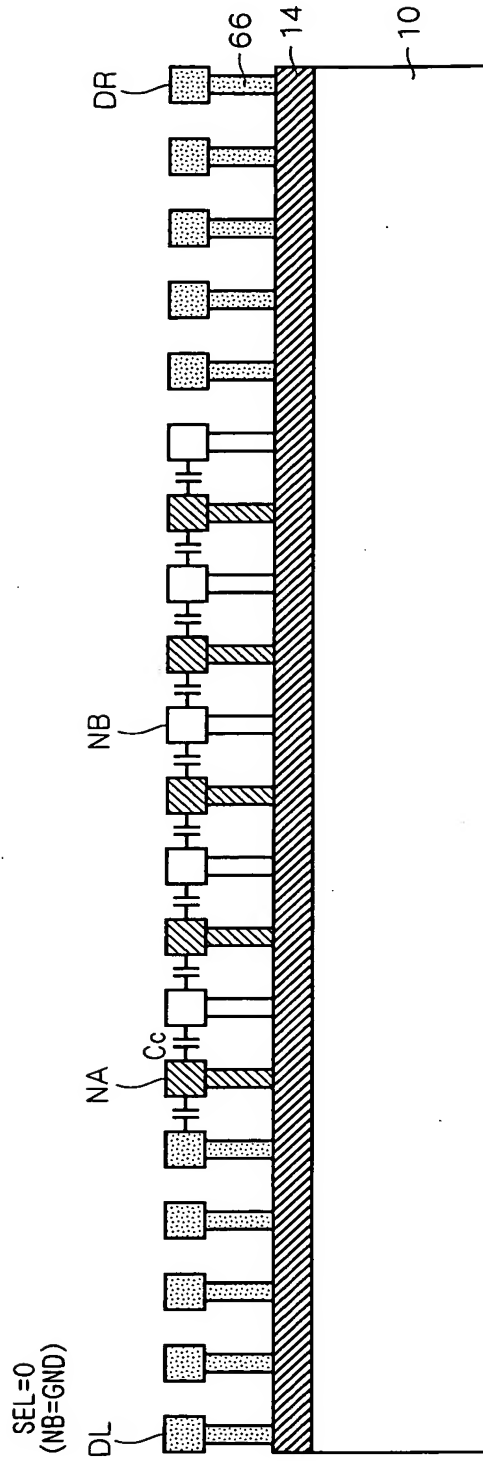
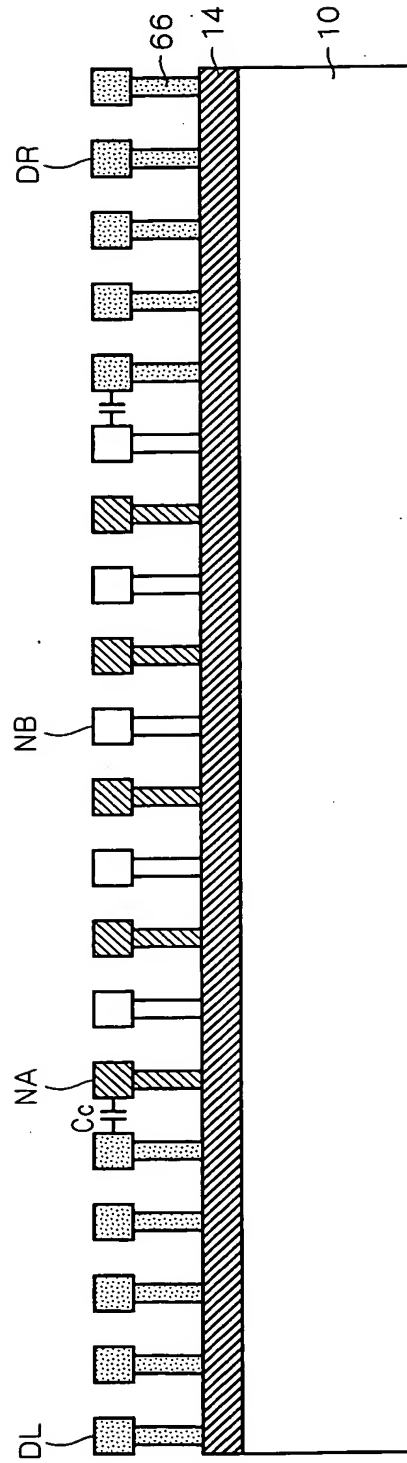


FIG. 41

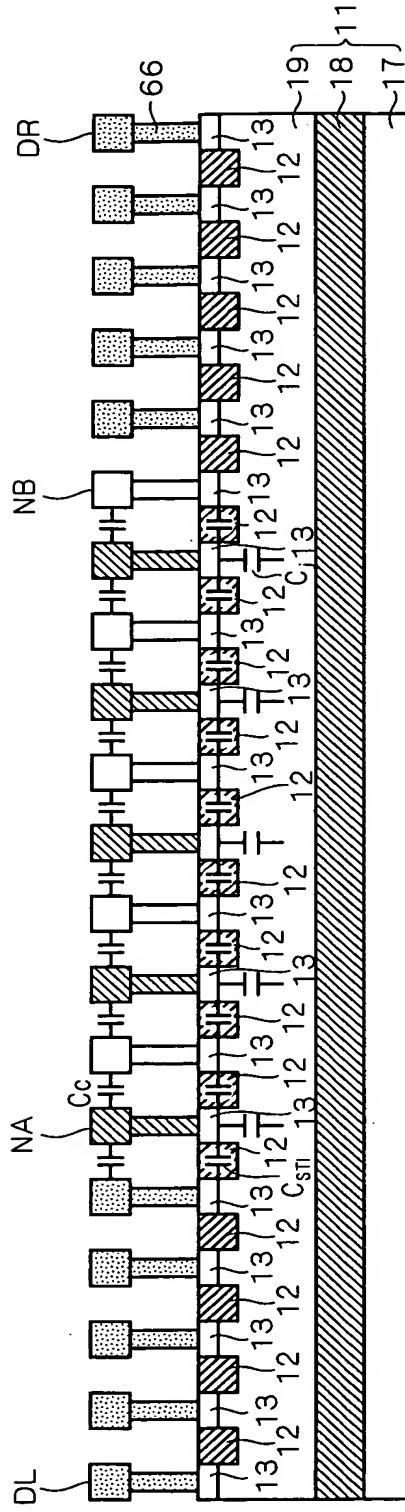
SEL=1  
(NB=NA)





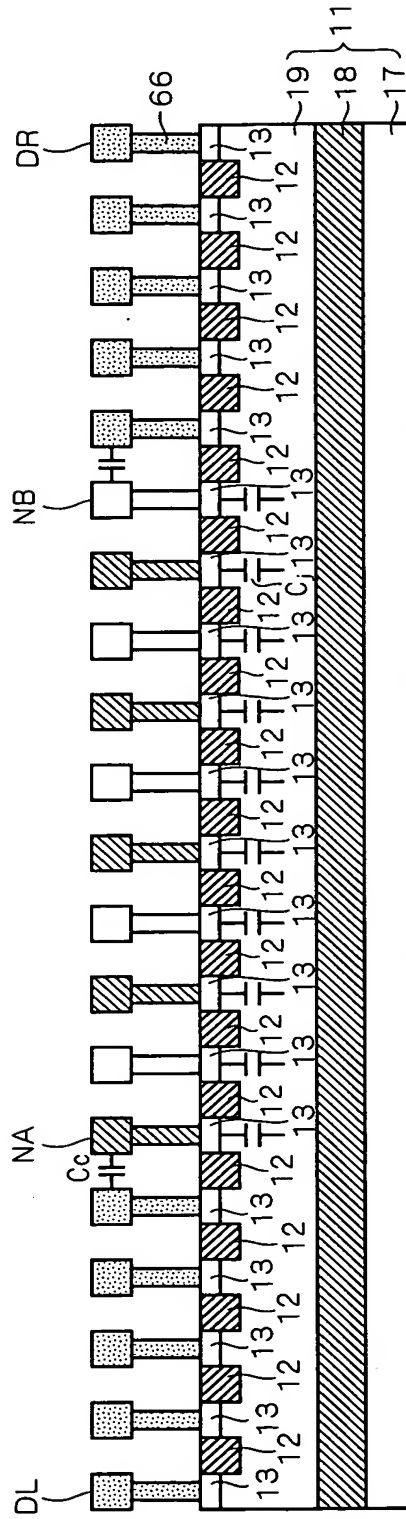
F I G . 4 2

SEL=0  
(NB=GND)

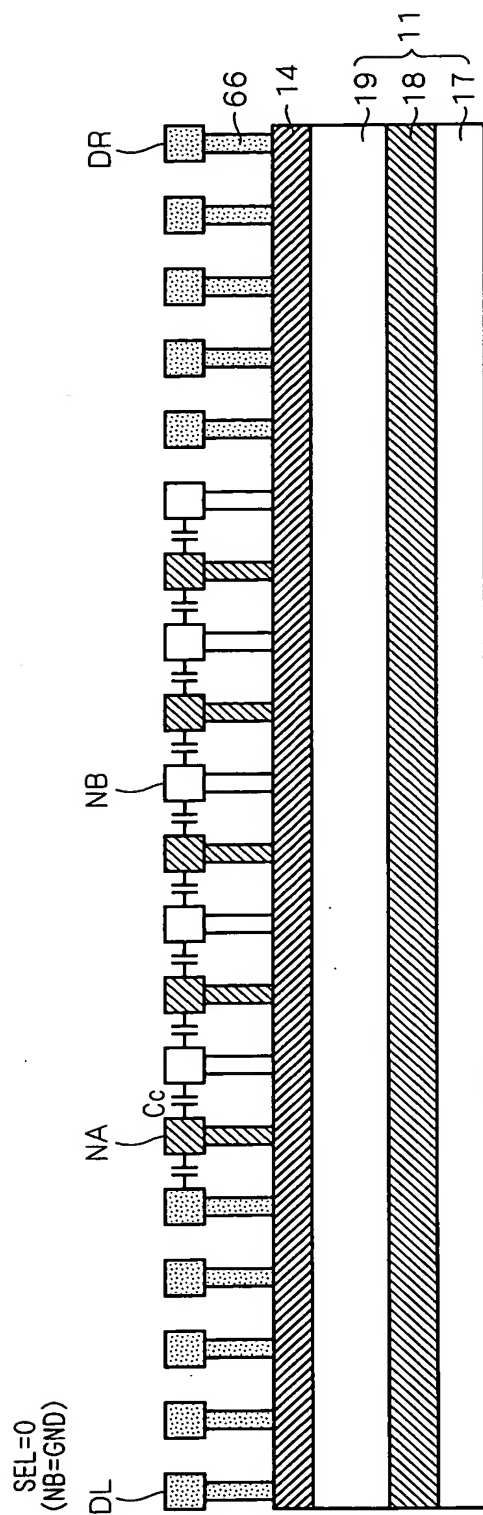


F I G . 4 3

SEL=1  
(NB=NB)

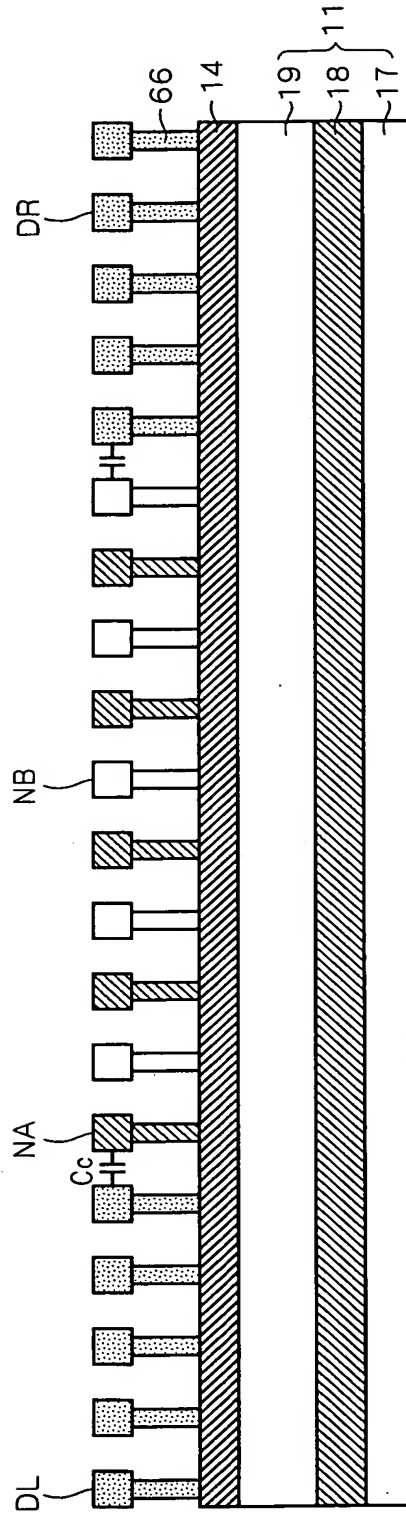


EIG. 44



F I G . 4 5

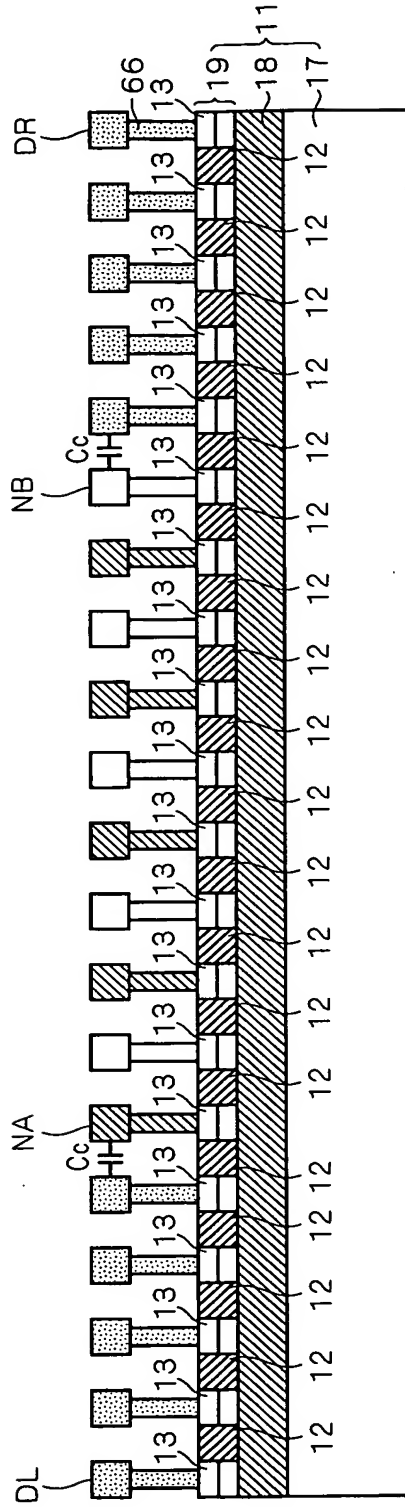
SEL=1  
(NB=NB)



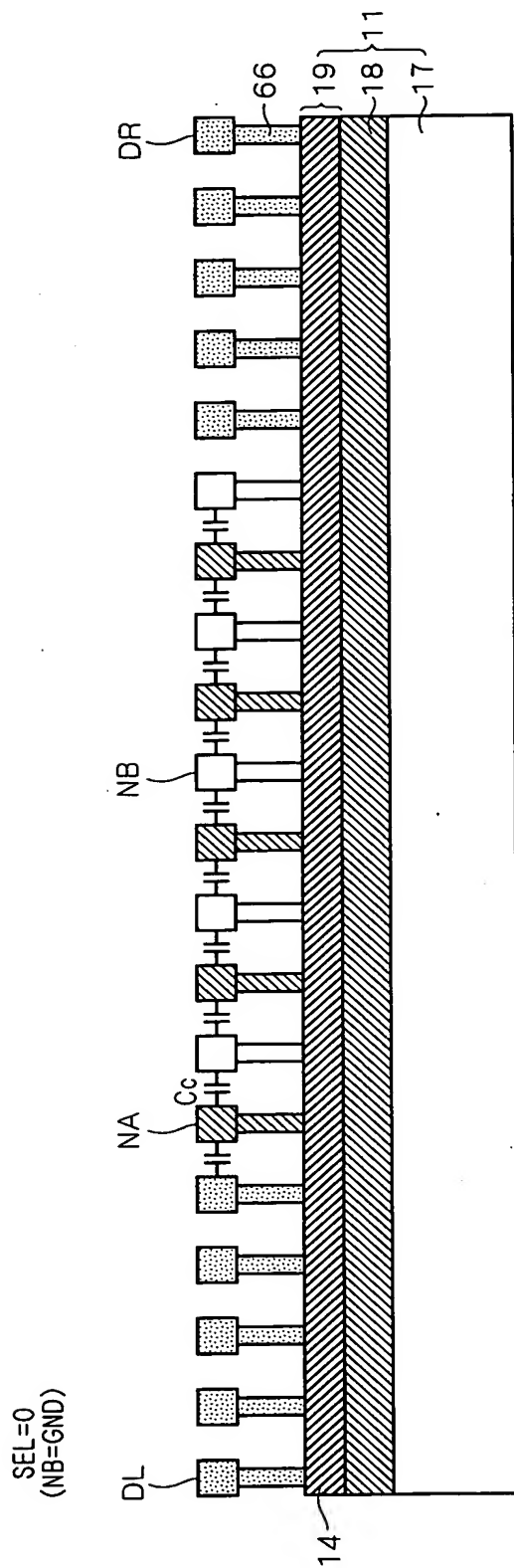
This diagram shows a cross-sectional view of a semiconductor device. The structure consists of several layers and regions. At the top, there are regions labeled DL, NA, CC, NB, and DR. Below these are layers labeled 13, 12, 11, 18, and 17. A central region is labeled C<sub>sti</sub>. The device is shown with a series of vertical structures, possibly gates or contacts, and a series of horizontal lines, possibly interconnects. The layers are numbered 1 through 17, with 1 being the top layer and 17 being the bottom layer. The regions are labeled with letters and numbers: DL, NA, CC, NB, DR, 13, 12, 11, 18, 17, and C<sub>sti</sub>.

F I G . 4 7

SEL=1  
(NB=NA)

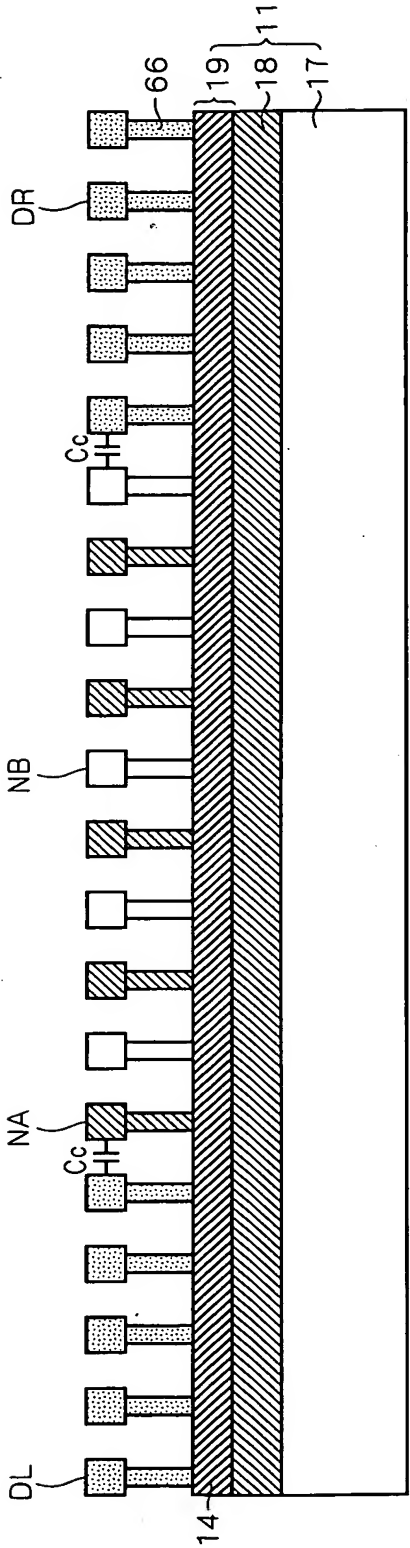


F I G . 4 8



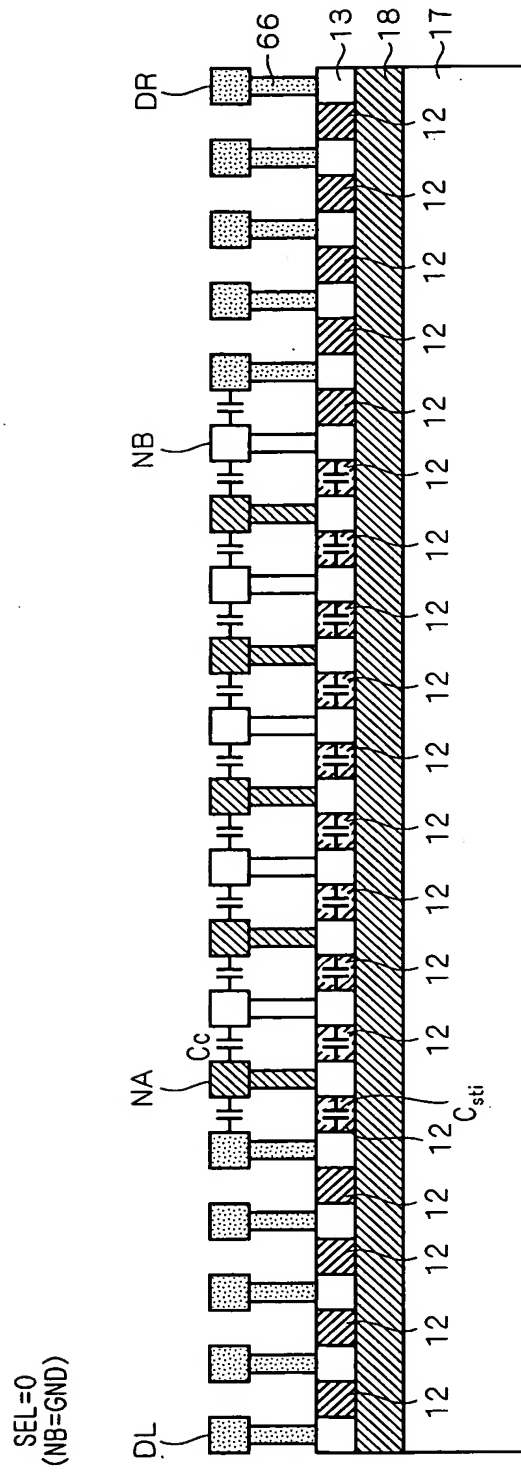
F I G . 4 9

SEL=1  
(NA=NB)

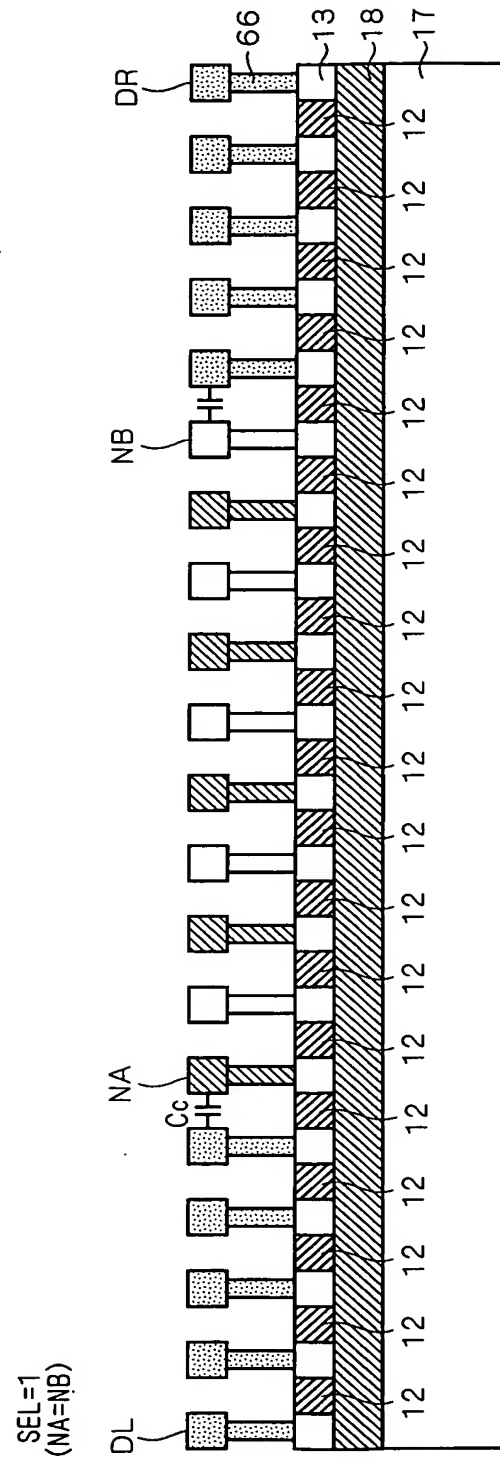


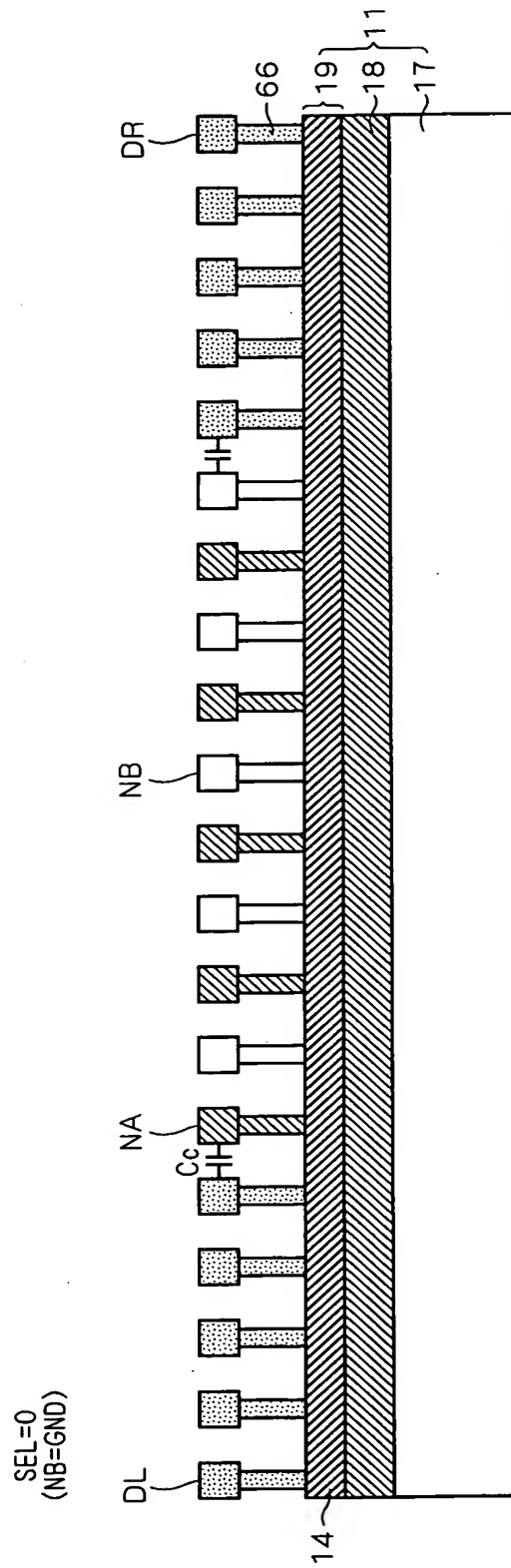


05.617



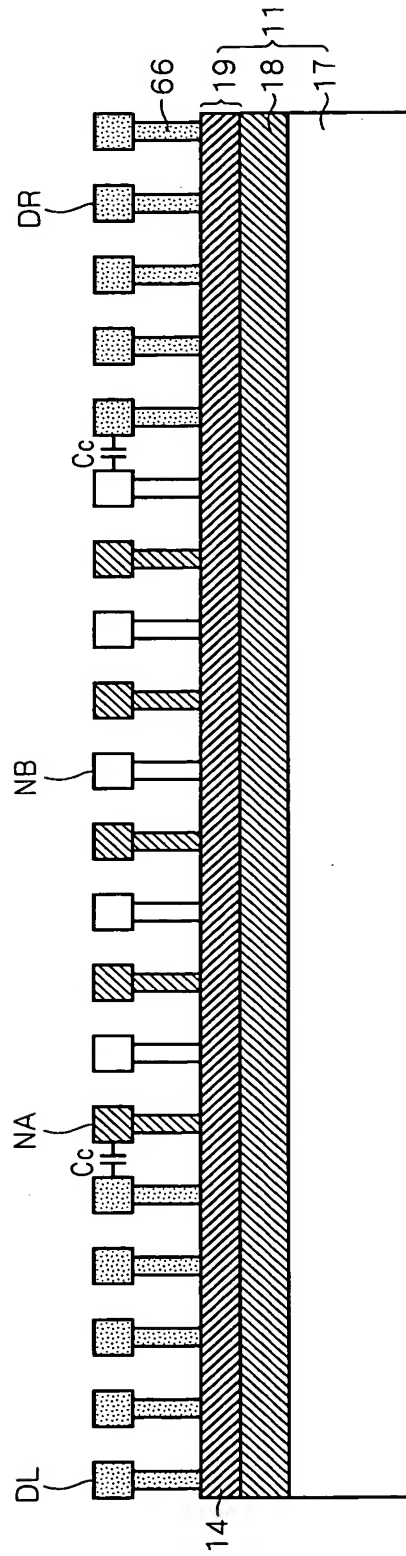
15.6-17



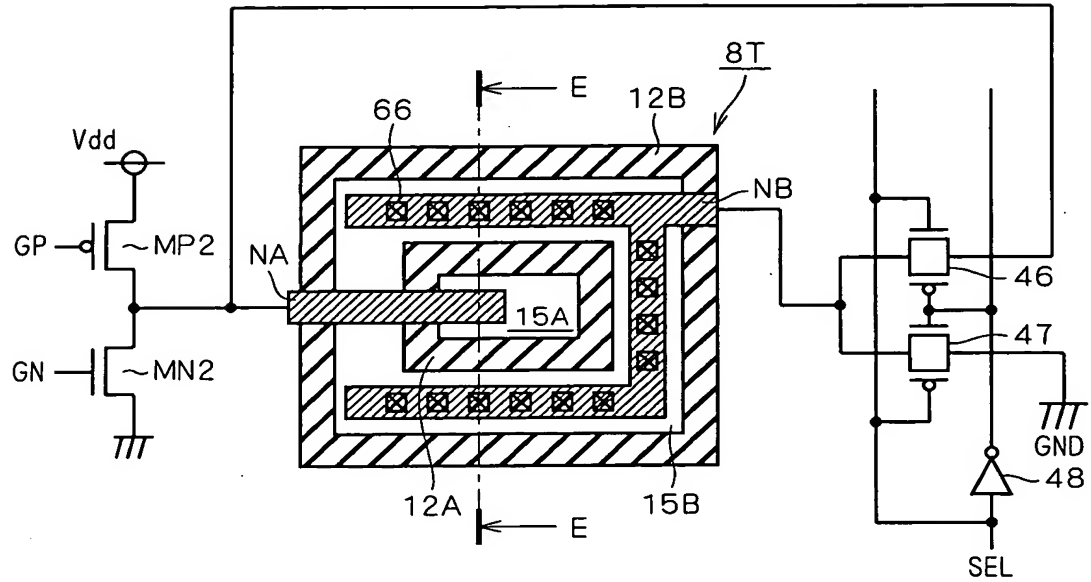


35. 6-11

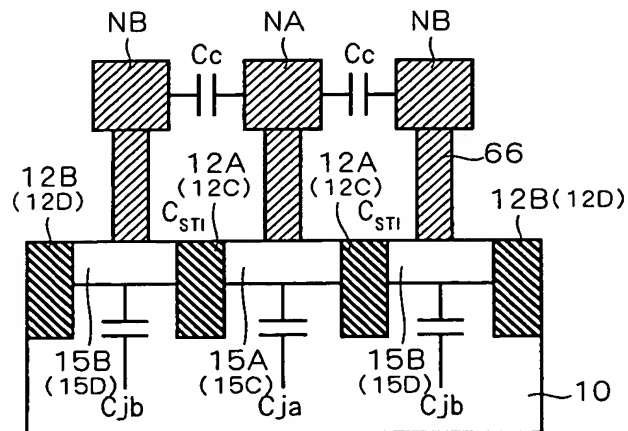
```
SEL=1
(NB=NB)
```



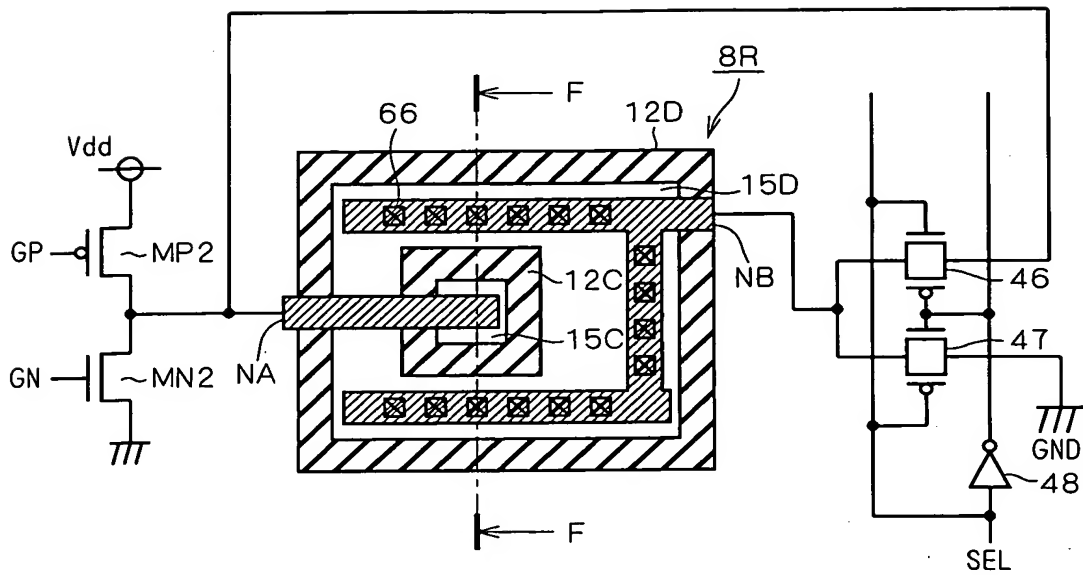
F I G . 5 4



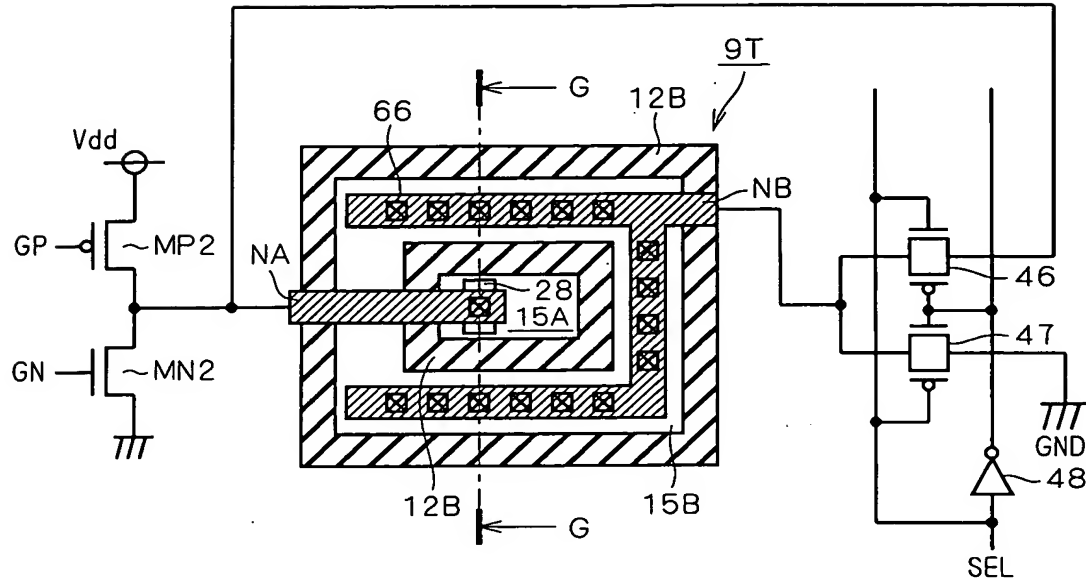
F I G . 5 5



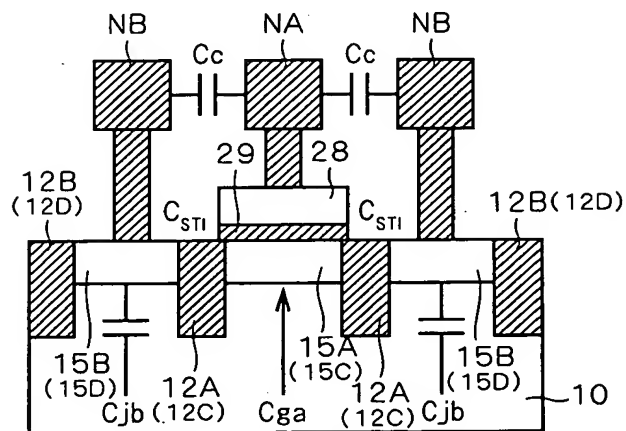
F I G . 5 6



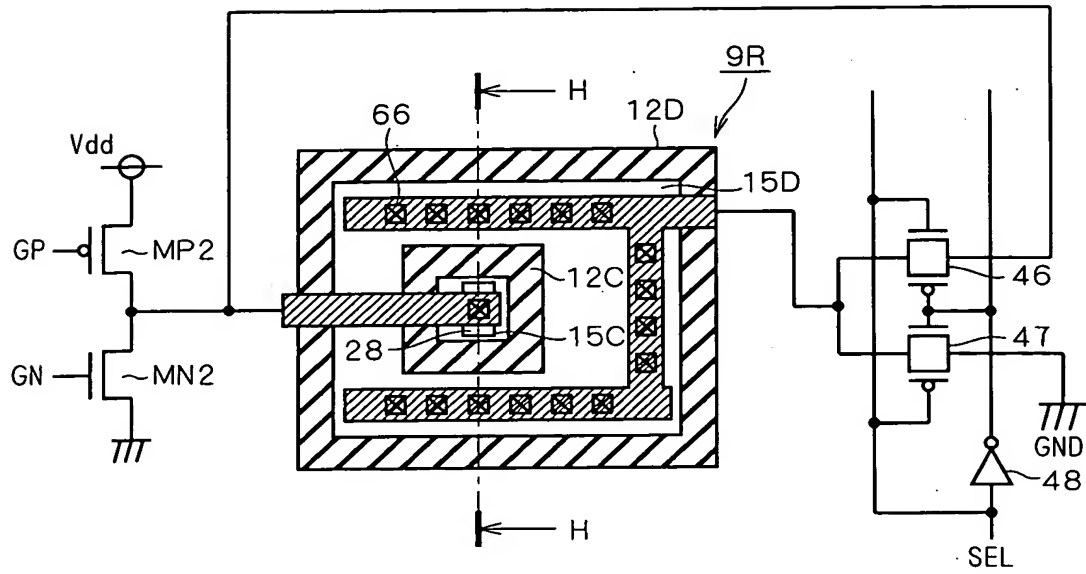
F I G . 5 7



F I G . 5 8

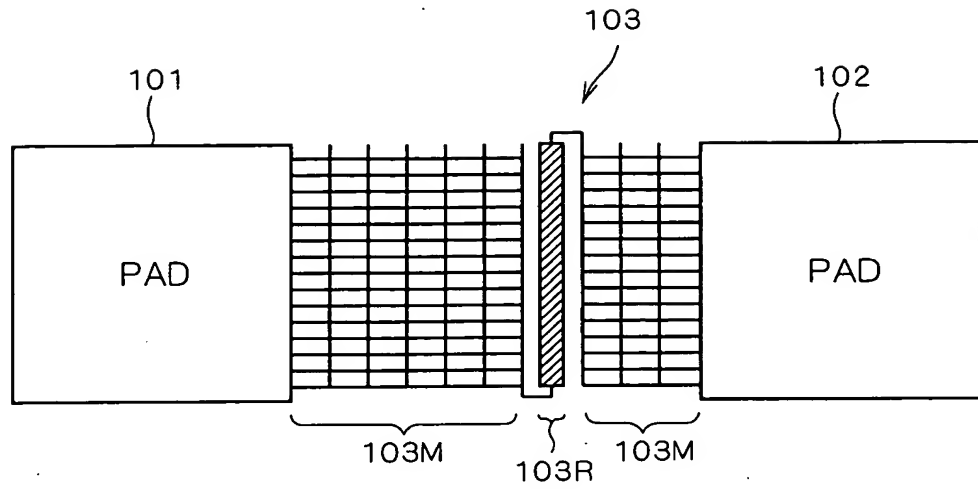


F I G . 5 9

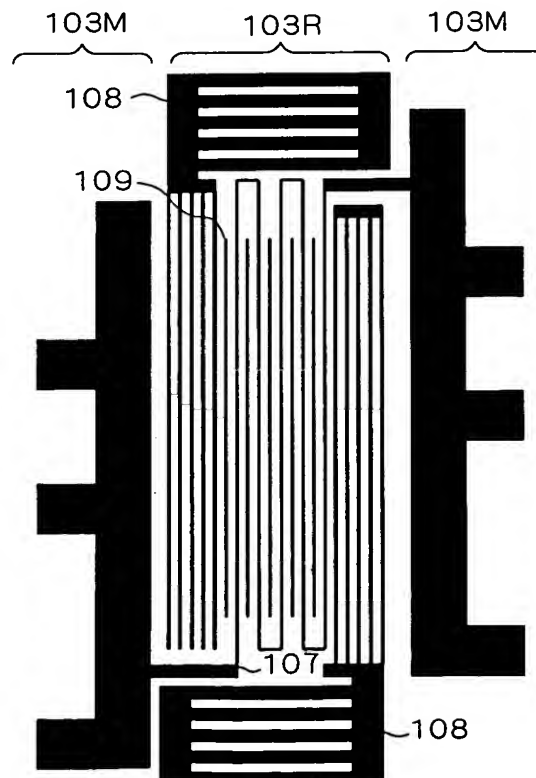




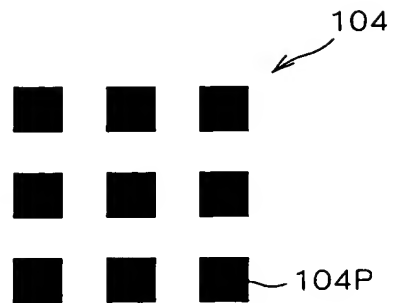
F I G . 6 0



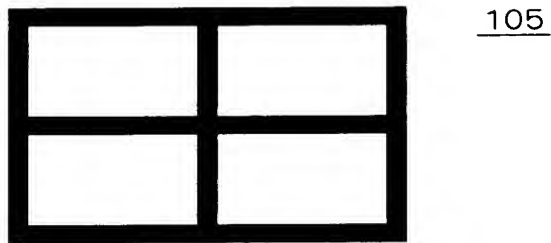
F I G . 6 1



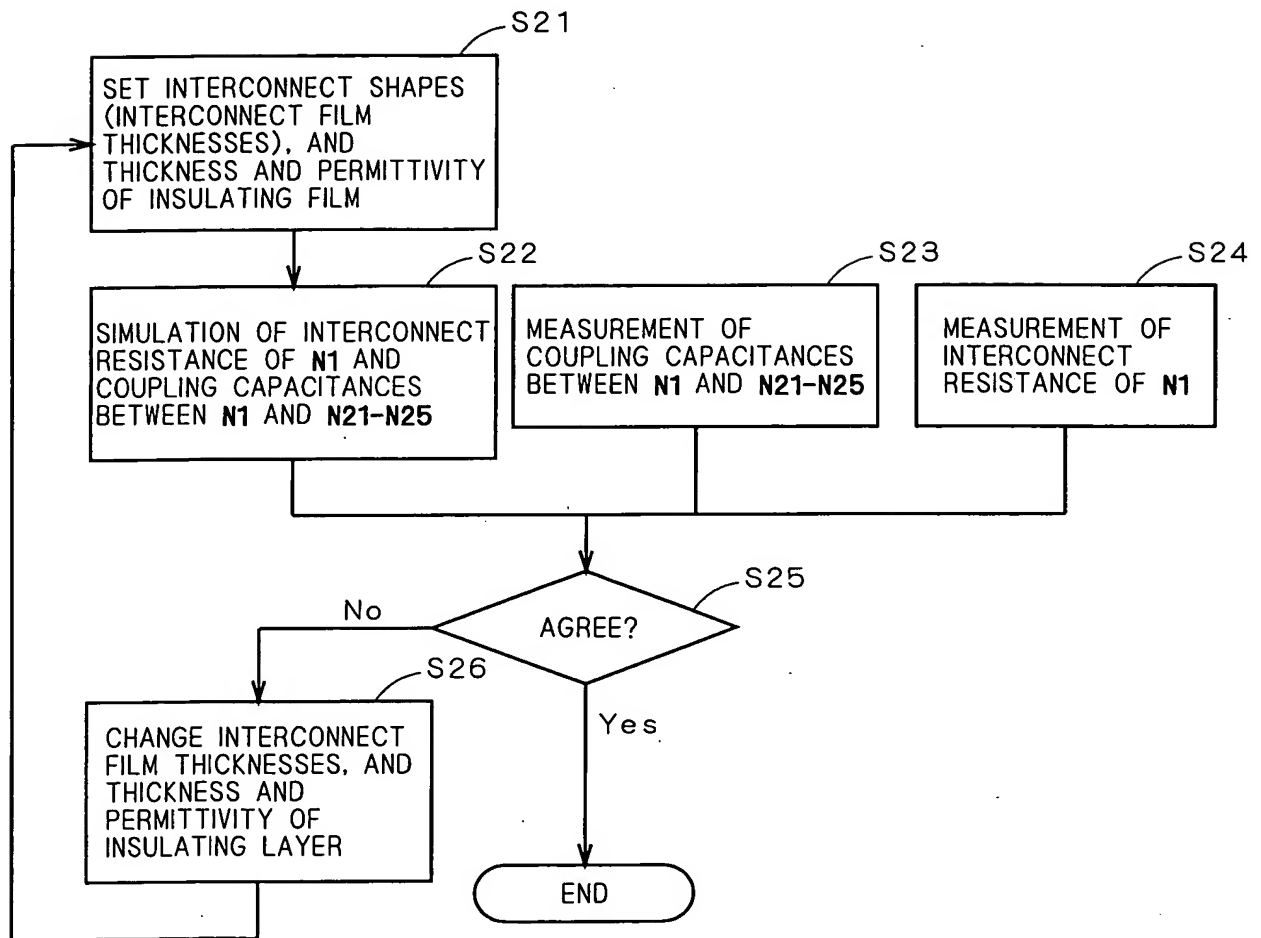
F I G . 6 2



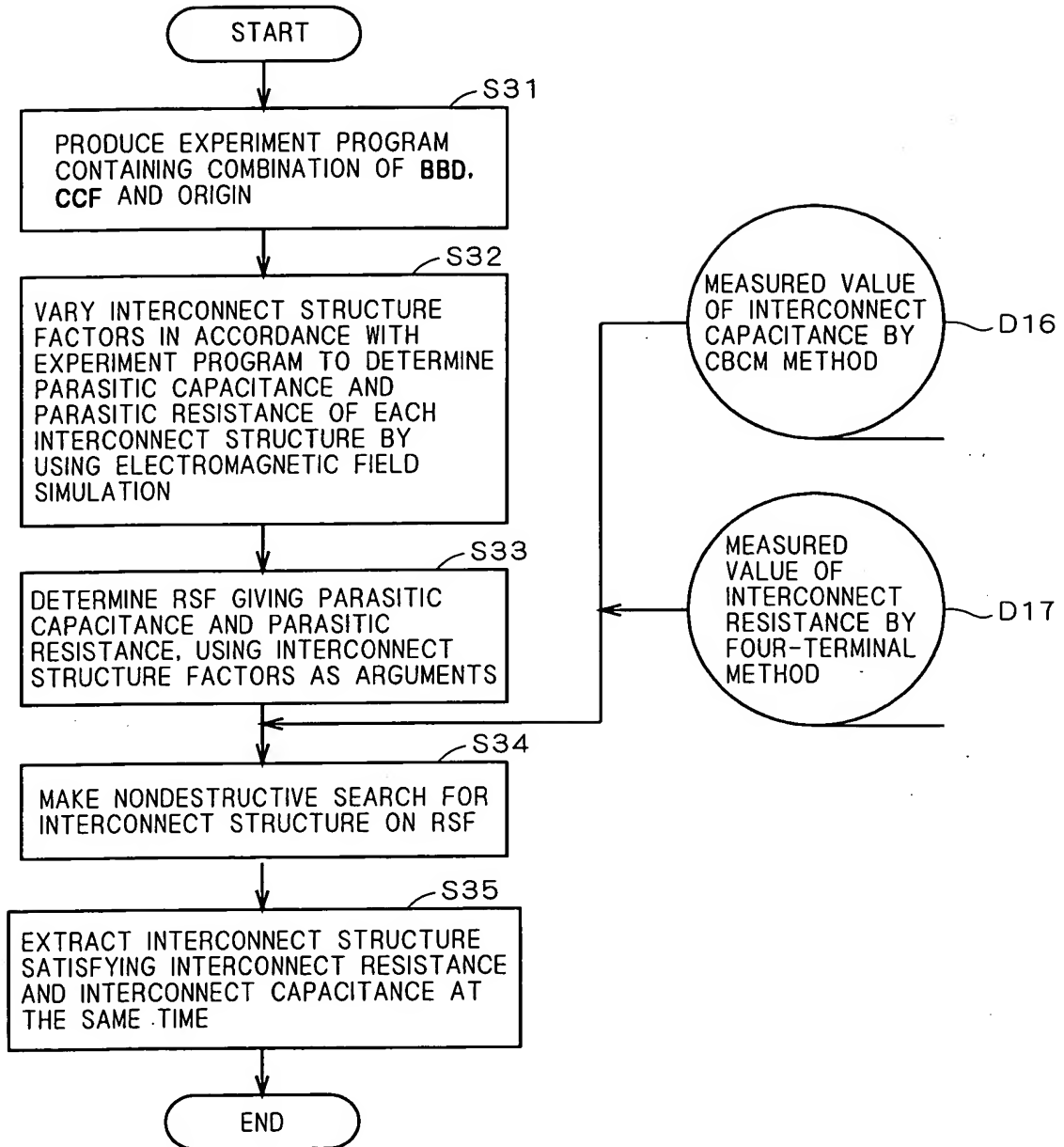
F I G . 6 3



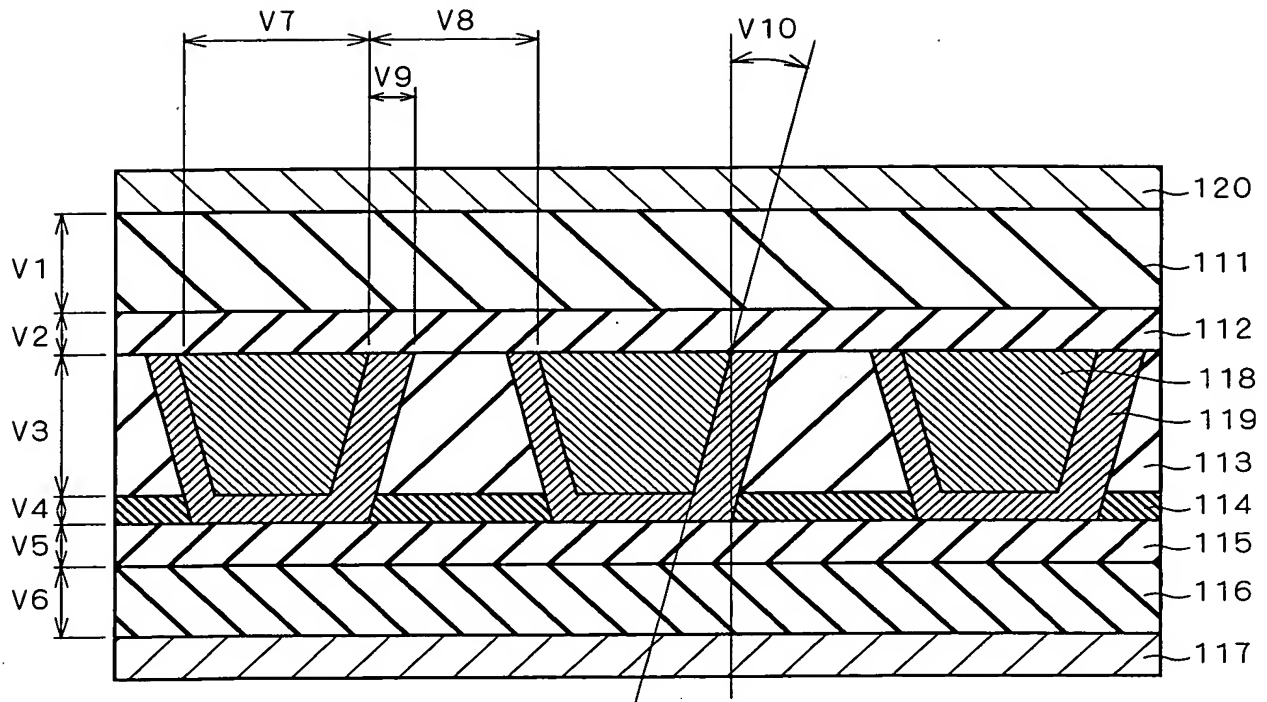
F I G . 6 4



F I G . 6 5

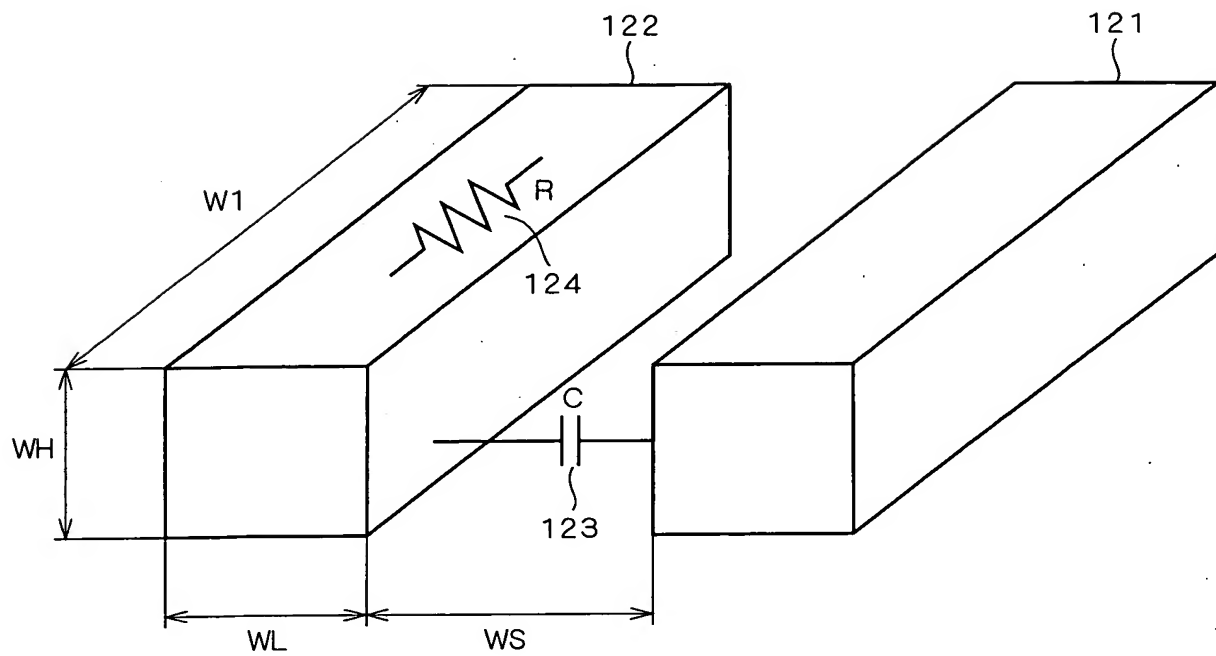


F I G . 6 6



[illegible]

F I G . 6 8



F I G . 6 9

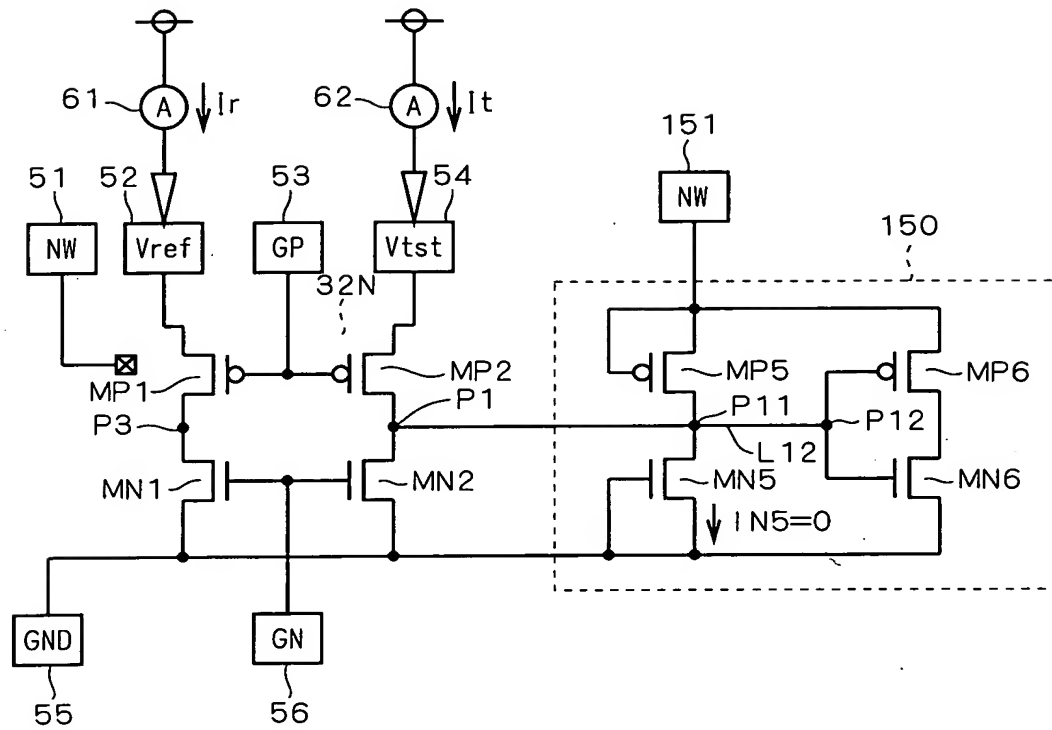




FIG. 70

